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DAIRY HERD

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IMPROVEMENT

ASSOCIATIONS

Test the Cows

Prove the Bulls

Select Cow Families



UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service

Dairy-Herd-Improvement-Association Letter

ARS-52-26
(Vol. 32, No. 2)

February 1956

NUMBER OF COWS ON TEST IN DAIRY-HERD-IMPROVEMENT ASSOCIATIONS INCREASING

A new record has been established in the number of cows on test in Dairy-Herd-Improvement Associations. On January 1, 1956, there were 1,406,306 cows on test. This is 72,440, or 5.4 percent, more cows than were on test January 1, 1955.

While the number of cows on test has increased, the number of associations and the number of herds have slightly decreased. On January 1, 1956, there were 2,266 associations in operation, with 40,984 herds enrolled. Compared with January 1, 1955, this is a decrease of 22, or 1 percent, in number of associations and a decrease of 256, or .6 percent, in number of herds on test.

California leads the States in number of cows under the standard plan of testing with 215,201, or 23.2 percent, of the cows in the State on test.

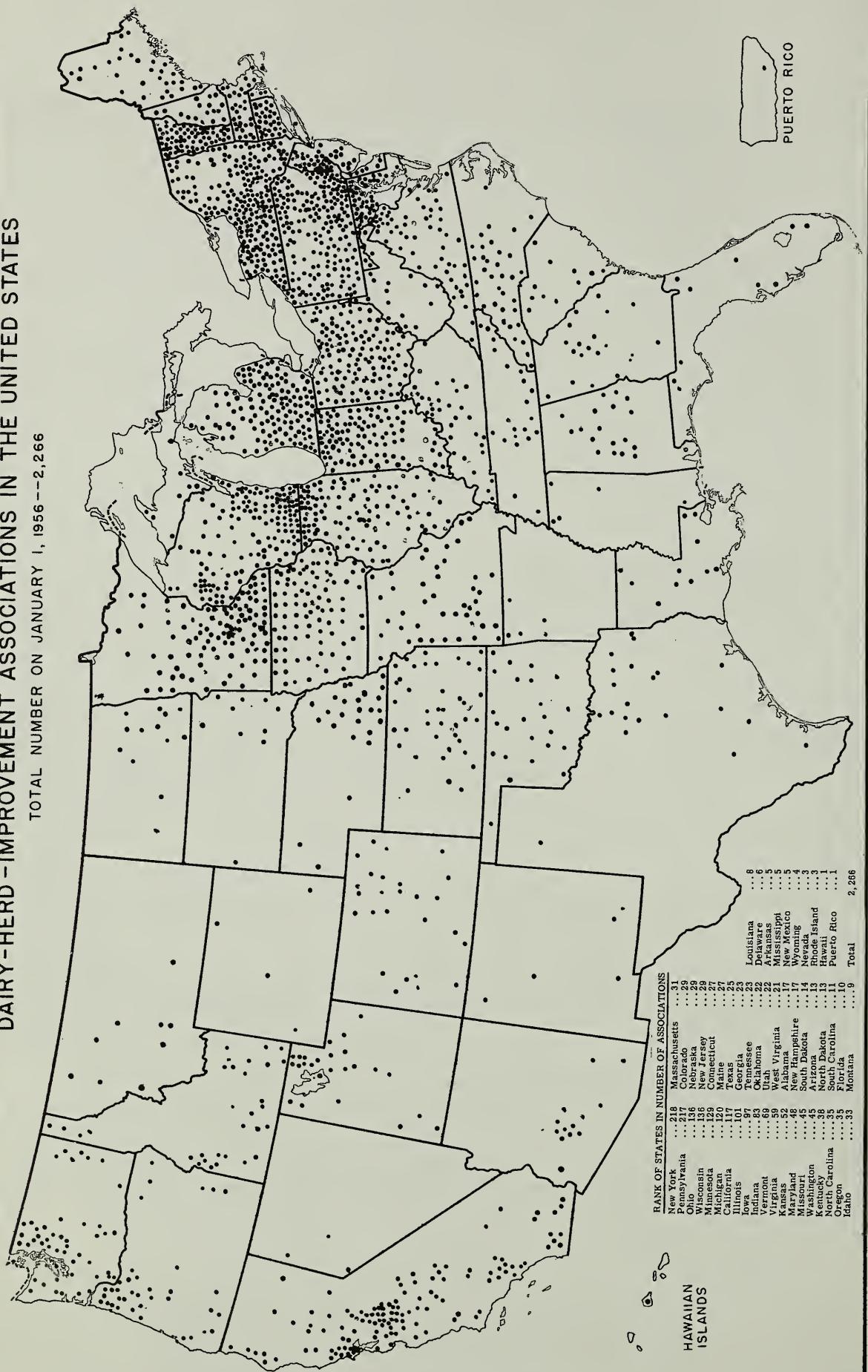
Pennsylvania leads all States in number of herds on test, with 4,971 herds enrolled in the standard plan of testing.

This year, for the first time, herds and cows in the owner-sampler plan of testing are reported. On January 1, 1956, there were 17,110 herds enrolled with 374,479 cows on test.

Data on the status of dairy-herd-improvement association and owner-sampler testing by States are given on the following pages.

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES

TOTAL NUMBER ON JANUARY 1, 1956 --- 2,266



DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES
(Active Jan. 1, 1956)

State	Associa-	Herds	Cows	Average	Average per	Milk cows in		
	tions			cows	association	United States		
			per herd	Herds	Cows	1/ in DHIA's		
	Number	Number	Number	Number	Number	Thousands	Percent	
Maine-----	27	580	15,835	27.3	21.5	586	125	12.7
New Hampshire-----	17	352	11,145	31.7	20.7	656	73	15.3
Vermont-----	69	1,118	41,069	36.7	16.2	595	326	12.6
Massachusetts-----	31	586	21,060	35.9	18.9	679	123	17.1
Rhode Island-----	3	66	2,303	34.9	22.0	768	19	12.1
Connecticut-----	27	530	20,980	39.6	19.6	777	120	17.5
New York-----	218	3,911	131,969	33.7	17.9	605	1,512	8.7
Pennsylvania-----	217	4,971	131,719	26.5	22.9	607	1,039	12.7
New Jersey-----	29	618	26,297	42.6	21.3	907	156	16.9
Maryland-----	43	947	36,849	38.9	19.7	768	251	14.7
Delaware-----	6	113	3,472	30.7	18.8	579	36	9.6
Virginia-----	59	988	46,745	47.3	16.7	792	436	10.7
West Virginia-----	21	249	7,309	29.4	11.9	348	209	3.5
Kentucky-----	38	368	11,398	31.0	9.7	300	654	1.7
North Carolina-----	35	510	18,443	36.2	14.6	527	383	4.8
South Carolina-----	11	117	6,443	55.1	10.6	586	168	3.8
Georgia-----	23	269	14,270	53.0	11.7	620	332	4.3
Florida-----	10	86	11,576	134.6	8.6	1,158	194	6.0
Alabama-----	17	204	11,868	58.2	12.0	698	397	3.0
Mississippi-----	5	59	3,041	51.5	11.8	608	593	.5
Tennessee-----	23	339	11,977	35.3	14.7	521	681	1.8
Louisiana-----	8	65	3,766	57.9	8.1	471	348	1.1
Arkansas-----	5	46	1,298	28.2	9.2	260	389	.3
Ohio-----	136	1,964	46,187	23.5	14.4	340	930	5.0
Indiana-----	83	1,460	31,724	21.7	17.6	382	612	5.2
Illinois-----	101	1,931	49,620	25.7	19.1	491	866	5.7
Michigan-----	120	2,453	58,445	23.8	20.4	487	907	6.4
Wisconsin-----	136	2,829	88,107	31.1	20.8	648	2,604	3.4
Minnesota-----	129	2,928	68,699	23.5	22.7	533	1,558	4.4
Iowa-----	97	1,865	43,263	23.2	19.2	446	1,100	3.9
Missouri-----	45	680	19,621	28.9	15.1	436	936	2.1
North Dakota-----	13	176	3,744	21.3	13.5	288	410	.9
South Dakota-----	14	152	3,730	24.5	10.9	266	335	1.1
Nebraska-----	29	381	9,290	24.4	13.1	320	446	2.1
Kansas-----	52	898	21,644	24.1	17.3	416	530	4.1
Oklahoma-----	22	160	5,236	32.7	7.3	238	436	1.2
Texas-----	25	318	15,788	49.6	12.7	632	849	1.9
Montana-----	9	168	5,313	31.6	18.7	590	106	5.0
Idaho-----	33	805	19,120	23.8	24.4	579	250	7.6
Wyoming-----	4	44	1,164	26.5	11.0	291	45	2.6
Nevada-----	3	35	1,176	33.6	11.7	392	17	6.9
Utah-----	22	501	12,525	25.0	22.8	569	112	11.2
Colorado-----	29	314	11,566	36.8	10.8	399	165	7.0
New Mexico-----	5	44	3,019	68.6	8.8	604	50	6.0
Arizona-----	13	234	18,445	78.8	18.0	1,419	49	37.6
Washington-----	45	965	36,104	37.4	21.4	802	295	12.2
Oregon-----	35	584	23,301	39.9	16.7	666	219	10.6
California-----	117	1,976	215,201	108.9	16.9	1,839	927	23.2
Hawaii-----	1	7	372	53.1	7.0	372	(2)	3.3
Alaska-----	---	---	---	---	---	---	---	---
Puerto Rico-----	1	20	3,070	153.5	20.0	3,070	---	---
Total or average--	2,266	40,984	1,406,306	34.3	18.1	621	23,318	6.0

1/ Estimated by the Agricultural Marketing Service; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1956.

2/ 11,290; estimated by the Economics Department, University of Hawaii.

GROWTH OF DAIRY-HERD-IMPROVEMENT ASSOCIATION WORK IN THE UNITED STATES
(1906 - 1956 inclusive)

Year	Associa- tions	Herds	Cows	Average	Average production of cows on test		
		on test	on test	cows per herd	Milk Pounds	Test Percent	Butterfat Pounds
		Number	Number	Number			
1906----:	1	31	239	7.7	5,300	4.1	215
1907----:	4	-----	1,606	-----	5,366	4.1	220
1908----:	6	-----	3,921	-----	-----	-----	---
1909----:	25	-----	11,921	-----	-----	-----	---
1910----:	40	-----	1/ 25,000	-----	1/ 5,730	4.0	1/ 227
1911----:	64	-----	1/ 40,000	-----	-----	-----	---
1912----:	82	-----	1/ 43,000	-----	-----	-----	---
1913----:	100	-----	47,150	-----	-----	-----	---
1914----:	163	-----	73,280	-----	-----	-----	---
1915----:	211	-----	105,526	-----	-----	-----	---
1916----:	346	-----	150,677	-----	-----	-----	---
1917----:	459	11,720	216,831	18.5	-----	-----	---
1918----:	353	9,778	172,518	17.6	-----	-----	---
1919----:	385	10,000	167,313	16.7	-----	-----	---
1920----:	468	11,948	203,472	17.0	6,175	4.0	247
1921----:	452	11,209	193,928	17.3	-----	-----	---
1922----:	513	12,508	215,321	17.2	-----	-----	---
1923----:	627	16,357	277,010	16.9	-----	-----	---
1924 2/--:	---	-----	-----	-----	-----	-----	---
1925----:	732	18,677	307,073	16.4	7,189	4.0	284
1926----:	777	19,540	327,653	16.8	7,331	4.0	290
1927----:	837	21,128	362,014	17.1	7,411	4.0	293
1928----:	947	23,327	414,891	17.8	7,476	4.0	296
1929----:	1,090	26,182	465,804	17.8	7,498	4.0	298
1930----:	1,143	27,888	507,549	18.2	7,642	4.0	303
1931----:	1,112	26,308	510,714	19.4	7,812	3.9	306
1932----:	1,005	20,351	427,044	21.0	7,858	3.9	310
1933----:	881	15,447	358,501	23.2	7,849	4.0	313
1934----:	793	13,694	325,837	23.8	8,015	4.0	322
1935----:	809	15,573	364,218	23.4	7,977	4.0	322
1936----:	876	17,344	404,412	23.3	7,912	4.0	319
1937----:	992	20,772	496,562	23.9	7,923	4.0	320
1938----:	1,106	23,701	558,993	23.6	7,831	4.0	317
1939----:	1,228	25,949	625,284	24.1	7,977	4.1	323
1940----:	1,300	27,948	676,141	24.2	8,133	4.1	331
1941----:	1,383	31,381	763,502	24.3	8,225	4.1	335
1942----:	1,421	32,957	816,117	24.8	8,323	4.1	339
1943----:	1,057	24,155	616,972	25.5	8,325	4.1	338
1944----:	954	20,825	561,587	27.0	8,296	4.1	336
1945----:	949	21,254	577,200	27.2	8,592	4.0	346
1946----:	1,124	23,331	627,878	27.0	8,635	4.0	349
1947----:	1,426	28,812	775,546	26.9	8,638	4.0	348
1948----:	1,668	33,274	886,129	26.6	8,675	4.0	350
1949----:	1,787	35,851	943,939	26.3	8,907	4.0	359
1950----:	1,973	40,100	1,088,872	27.2	9,172	4.0	370
1951----:	2,143	42,949	1,186,615	27.6	9,195	4.0	370
1952----:	2,109	40,105	1,166,297	29.1	9,192	4.0	366
1953----:	2,151	40,983	1,226,588	29.9	9,253	4.0	368
1954----:	2,175	41,254	1,311,698	31.8	-----	-----	---
1955----:	2,288	41,240	1,333,866	32.3	-----	-----	---
1956----:	2,266	40,984	1,406,306	34.3	-----	-----	---

1/ Estimated.

2/ Date for collecting data changed in 1924 from July 1 to January 1.

OWNER-SAMPLER TESTING IN THE UNITED STATES
(January 1, 1956)

State	Herds	Cows	State	Herds	Cows
	Number	Number		Number	Number
Maine-----:	35	679	North Dakota---:	73	944
New Hampshire----:	80	2,000	South Dakota---:	26	390
Vermont-----:	263	7,161	Nebraska-----:	10	170
Massachusetts----:	90	1,873	Kansas-----:	35	325
Rhode Island----:	4	111	Oklahoma-----:	35	850
Connecticut----:	130	3,000	Texas-----:	0	0
New York-----:	2,291	56,399			
Pennsylvania----:	204	4,337	Montana-----:	42	815
New Jersey-----:	107	3,113	Idaho-----:	0	0
Maryland-----:	1	9	Wyoming-----:	23	726
Delaware-----:	15	237	Nevada-----:	0	0
			Utah-----:	32	821
Virginia-----:	5	103	Colorado-----:	50	1,357
West Virginia----:	4	37	New Mexico-----:	1	14
Kentucky-----:	0	0	Arizona-----:	9	232
North Carolina---:	28	601			
South Carolina---:	0	0	Washington----:	480	11,621
Georgia-----:	0	0	Oregon-----:	348	6,659
Florida-----:	0	0	California----:	809	22,754
Alabama-----:	0	0			
Mississippi----:	0	0	Hawaii-----:	0	0
Tennessee----:	5	116	Alaska-----:	20	250
Louisiana-----:	0	0	Puerto Rico---:	0	0
Arkansas-----:	25	350			
Ohio-----:	2,003	32,619			
Indiana-----:	396	6,336			
Illinois-----:	279	5,600			
Michigan-----:	725	12,000			
Wisconsin----:	7,254	170,462			
Minnesota----:	169	3,100			
Iowa-----:	971	15,628			
Missouri-----:	33	680			
			Total-----:	17,110	374,479

HERDS ON TEST JAN. 1, 1956, COMPARED WITH HERDS ON TEST JAN. 1, 1955, BY STATES

State	Herds on test Jan. 1		Increase (+) or decrease (-)	
	1955	1956		
	Number	Number	Number	Percent
Nevada-----:	25	35	+ 10	+40.0
Kentucky-----:	322	368	+ 46	+14.3
Tennessee-----:	300	339	+ 39	+13.0
Texas-----:	283	318	+ 35	+12.4
New Mexico-----:	40	44	+ 4	+10.0
Arkansas-----:	42	46	+ 4	+ 9.5
New Hampshire-----:	322	352	+ 30	+ 9.3
Minnesota-----:	2,765	2,928	+163	+ 5.9
Florida-----:	82	86	+ 4	+ 4.9
Massachusetts-----:	564	586	+ 22	+ 3.9
California-----:	1,901	1,976	+ 75	+ 3.9
Maryland-----:	915	947	+ 32	+ 3.5
Pennsylvania-----:	4,807	4,971	+164	+ 3.4
North Carolina-----:	494	510	+ 16	+ 3.2
Georgia-----:	261	269	+ 8	+ 3.1
New Jersey-----:	603	618	+ 15	+ 2.5
South Dakota-----:	149	152	+ 3	+ 2.0
Wisconsin-----:	2,780	2,829	+ 49	+ 1.8
Nebraska-----:	376	381	+ 5	+ 1.3
Idaho-----:	795	805	+ 10	+ 1.3
North Dakota-----:	174	176	+ 2	+ 1.1
Missouri-----:	678	680	+ 2	+ .3
Ohio-----:	1,963	1,964	+ 1	+ .1
Puerto Rico-----:	---	20	+ 20	-----
Delaware-----:	113	113	0	0
Mississippi-----:	59	59	0	0
Alaska-----:	20	---	-20	-----
Wyoming-----:	70	44	- 26	-37.1
Rhode Island-----:	86	66	- 20	-23.3
Hawaii-----:	9	7	- 2	-22.2
Oklahoma-----:	185	160	- 25	-13.5
Oregon-----:	648	584	- 64	- 9.9
Michigan-----:	2,631	2,453	-178	- 6.8
Washington-----:	1,033	965	- 68	- 6.6
Indiana-----:	1,561	1,460	-101	- 6.5
Colorado-----:	335	314	- 21	- 6.3
Virginia-----:	1,052	988	- 64	- 6.1
Louisiana-----:	69	65	- 4	- 5.8
Montana-----:	177	168	- 9	- 5.1
Illinois-----:	2,032	1,931	-101	- 5.0
South Carolina-----:	123	117	- 6	- 4.9
Connecticut-----:	556	530	- 26	- 4.7
New York-----:	4,101	3,911	-190	- 4.6
Arizona-----:	245	234	- 11	- 4.5
Vermont-----:	1,166	1,118	- 48	- 4.1
Alabama-----:	212	204	- 8	- 3.8
Utah-----:	507	501	- 6	- 1.2
West Virginia-----:	252	249	- 3	- 1.2
Maine-----:	585	580	- 5	- .9
Kansas-----:	902	898	- 4	- .4
Iowa-----:	1,870	1,865	- 5	- .3
Total-----:	41,240	40,984	-256	- .6

RELATIVE POSITION OF STATES ACCORDING TO DHIA HERDS ON TEST

1954		:	1955		:	1956	
State	Number		State	Number		State	Number
Pa	4,603	:	Pa	4,807	:	Pa	4,971
N. Y	4,347	:	N. Y	4,101	:	N. Y	3,911
Wis	2,880	:	Wis	2,780	:	Minn	4,292
Mich	2,675	:	Minn	2,765	:	Wis	2,829
Minn	2,617	:	Mich	2,631	:	Mich	2,453
Calif	1,978	:	Ill	2,032	:	Calif	1,976
Ill	1,946	:	Ohio	1,963	:	Ohio	1,964
Ohio	1,908	:	Calif	1,901	:	Ill	1,931
Iowa	1,862	:	Iowa	1,870	:	Iowa	1,865
Ind	1,593	:	Ind	1,561	:	Ind	1,460
Vt	1,175	:	Vt	1,166	:	Vt	1,118
Wash	1,106	:	Va	1,052	:	Va	988
Va	1,026	:	Wash	1,033	:	Wash	965
Md	908	:	Md	915	:	Md	947
Kans	782	:	Kans	902	:	Kans	898
Mo	761	:	Idaho	795	:	Idaho	805
Idaho	728	:	Mo	678	:	Mo	680
Oreg	681	:	Oreg	648	:	N. J	618
Maine	632	:	N. J	603	:	Mass	586
Mass	603	:	Maine	585	:	Oreg	584
N. J	602	:	Mass	564	:	Maine	580
Conn	520	:	Conn	556	:	Conn	530
Utah	520	:	Utah	507	:	N. C	510
N. C	456	:	N. C	494	:	Utah	501
Colo	402	:	Nebr	376	:	Nebr	381
Nebr	343	:	Colo	335	:	Ky	368
Tenn	332	:	Ky	322	:	N. H	352
Ky	305	:	N. H	322	:	Tenn	339
N. H	304	:	Tenn	300	:	Tex	318
Tex	304	:	Tex	283	:	Colo	314
W. Va	262	:	Ga	261	:	Ga	269
Ariz	250	:	W. Va	252	:	W. Va	249
Ala	245	:	Ariz	245	:	Ariz	234
Ga	230	:	Ala	212	:	Ala	204
Okla	207	:	Okla	185	:	N. Dak	176
Mont	174	:	Mont	177	:	Mont	168
N. Dak	154	:	N. Dak	174	:	Okla	160
S. Dak	135	:	S. Dak	149	:	S. Dak	152
Del	122	:	S. C	123	:	S. C	117
S. C	116	:	Del	113	:	Del	113
R. I	84	:	R. I	86	:	Fla	86
Fla	76	:	Fla	82	:	R. I	66
La	64	:	Wyo	70	:	La	65
Miss	60	:	La	69	:	Miss	59
Ark	41	:	Miss	59	:	Ark	46
N. Mex	37	:	Ark	42	:	Wyo	44
Nev	37	:	N. Mex	40	:	N. Mex	44
Alaska	30	:	Nev	25	:	Nev	35
Wyo	22	:	Alaska	20	:	Puerto Rico	20
Hawaii	9	:	Hawaii	9	:	Hawaii	7
Puerto Rico	0	:	Puerto Rico	0	:	Alaska	0

OFFICIALS IN CHARGE OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE STATES

Ala---- J. R. Parrish, Ext. Service, School of Agr., Auburn.
Alaska--- Wm. J. Sweetman, Dairy Husbandman, Alaska Exp. Station, Palmer.
Ariz---- W. R. Van Sant, Ext. Service, College of Agr., Tucson.
Ark---- Glen R. Pursley, Ext. Dairyman, University of Arkansas, Fayetteville.
Calif---- G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
Colo---- H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
Conn---- W. R. Hesseltine, Ext. Service, College of Agr., Storrs.
Del---- D. J. Young, Ext. Service, University of Delaware, Newark.
Fla---- C. W. Reaves, Ext. Service, College of Agr., Gainesville.
Ga---- John E. McGowan, Ext. Service, College of Agr., Athens.
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Idaho---- G. C. Anderson, Ext. Division, College of Agr., Boise.
Ill---- J. G. Cash, Ext. Service, College of Agr., Urbana.
Ind---- G. A. Williams, Dept. of Agr. Ext., Purdue University, Lafayette.
Iowa---- D. E. Voelker, Ext. Service, Iowa State College of Agr., Ames.
Kans---- E. Ralph Bonewitz, Ext. Division, Kansas State College, Manhattan.
Ky---- E. C. Scheidenhelm, Ext. Service, College of Agr., Lexington 29.
La---- E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
Maine---- Norman R. Ness, Ext. Service, College of Agr., Orono.
Md---- J. R. Schabinger, Ext. Service, University of Maryland, College Park.
Mass---- C. H. Parsons, Ext. Service, University of Massachusetts, Amherst.
Mich---- L. A. Johnson, Ext. Service, Mich. State College, East Lansing.
Minn---- Ramer Leighton, Agr. Ext. Service, University Farm, St. Paul 1.
Miss---- Arlis Anderson, Ext. Service, Mississippi State College, State College.
Mo---- E. T. Itschner, Agr. Ext. Service, College of Agr., Columbia.
Mont---- J. O. Tretsvan, Ext. Service, Montana State College, Bozeman.
Nebr---- M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
Nev---- J. D. Mankin, Ext. Service, College of Agr., Reno.
N. H---- G. B. Olsson, Ext. Service, College of Agr., Durham.
N. J---- E. T. Oleskie, Ext. Service, State College of Agr., New Brunswick.
N. Mex--- E. E. Anderson, Ext. Service, N. Mex. College of Agr., State College.
N. Y---- J. D. Burke, Ext. Service, N. Y. State College of Agr., Ithaca.
N. C---- M. E. Senger, Ext. Service, N. C. State College of Agr., State College
Station, Raleigh.
N. Dak--- Clarence C. Olson, Agr. Ext., N. Dak. Agr. College, State College Station,
Fargo.
Ohio---- R. A. Porterfield, Agr. Ext., College of Agriculture, Columbus 10.
Okla---- J. E. Pendleton, Ext. Division, Oklahoma A & M College, Stillwater.
Oreg---- H. P. Ewalt, Ext. Service, Oregon State College, Corvallis.
Pa---- H. C. Gilmore, Div. of Agr. Ext., College of Agr., University Park.
P. R---- C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R. I---- J. D. Dodds, Ext. Service, Rhode Island State College, Kingston.
S. C---- C. G. Cushman, Ext. Service, Clemson Agr. College, Clemson.
S. Dak--- R. A. Cave, Ext. Service, S. Dak. State College of Agr., Brookings.
Tenn---- V. D. Parsons, Ext. Dairyman, P. O. Box 1071, Knoxville 7.
Tex---- A. M. Meekma, Ext. Service, A & M. College of Texas, College Station.
Utah---- L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
Vt---- W. L. Bickford, Ext. Service, College of Agr., Burlington.
Va---- M. F. Ellmore, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
Wash---- Ext. Dairy Specialist, State College of Wash., Pullman.
W. Va---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
Wis---- J. E. Stallard, Extension Dairyman, Room 207 King Hall, Madison 6.
Wyo---- I. W. Slater, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN JANUARY 1956

Following is a list of 237 sires whose records were tabulated or retabulated by the Dairy Husbandry Research Branch in January 1956. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The asterisk may be followed by any number from 1 through 15 (i. e., *12) to indicate in which of the 15 printed lists his previous record appeared. Or the asterisk may be followed by the month and year (i. e., *May 51) of the DHIA letter in which his previous record appeared. Two asterisks following the sire's registration number, or following reference to a previous listing, indicate that the proved-sire tabulation or retabulation was requested by one of the States.

In case records from more than one herd were used, the reference is to the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

Proved-sire records consisting of fewer than 10 comparisons are indicated as "preliminary proofs" because these records may be significantly changed when additional comparisons become available and are included in the proved-sire records.

Proved-sire records consisting of fewer than 25 comparisons with daughters resulting from artificial breeding are indicated as "preliminary AB proofs" because these records may be significantly changed when additional comparisons become available and are included in the proved-sire record.

To make the most intelligent selection of a sire, the dairyman should use these proved-sire records to single out the most promising sire and then make every effort to supplement these data with additional information gathered from the herds in which the dams and daughters made their records. Particular attention should be given to the feeding practices and environmental conditions under which the records were made, in order to be assured that the records of the daughters were not made under more favorable conditions than those of the dams or vice versa. It is especially important to determine that there has been no selection of daughters in making the comparison.

AYRSHIRE SIRES	Animals	Records averaged	Fat		
			Number	Number	Milk lb.
ATWOOD ORCHARDS QUIZ MASTER 92378-----	15 daughters	24	9,143	4.4	403
Born, 2-14-48; proved, 1-31-56; ; N. Y.	13 daughters	20	9,020	4.4	399
Sire, 63147; dam, 281433.	13 dams----	53	7,596	4.2	317
Used by Charles L. Allen, Kingston.	Difference-- (10-11-11)	+1,424	+.2	+82	
BAN TARA HOT BETT 92470-----	7 daughters-	11	9,089	4.3	389
Preliminary proof, 1-31-56; ; Minn.	7 dams----	16	8,270	3.9	323
Born, 2-16-48; sire, 79912; dam, 277839.	Difference-- (5-6-5)	+819	+.4	+66	
Used by Alfred Holmbeck, Lake Wilson.					
BATES' GOLDEN DUNCAN 84800-----	5 daughters-	7	8,138	4.1	333
Preliminary proof, 1-31-56; ; Pa.	5 dams----	11	8,906	4.0	360
Born, 6-11-45; sire, 65052; dam, 202099.	Difference-- (2-3-2)	-768	+.1	-27	
Used by Robert Weber & Sons, McDonald.					
BENMORE FAME'S SUN 80193-----	13 daughters	28	10,358	4.2	438
Born, 3-22-45; proved, 1-31-56; ; N. Y.	12 daughters	24	10,262	4.3	438
Sire, 61780; dam, 231227.	12 dams----	41	10,697	3.8	406
Used by E. Hodge Brush, Wingdale.	Difference-- (4-12-6)	-435	+.5	+32	
CAROLINA'S CRITERION'S HIGHHAT 89681-----	13 daughters	16	5,687	4.2	236
Born, 8-21-46; proved, 1-31-56; ; N. C.	12 daughters	14	5,681	4.1	235
Sire, 66578; dam, 258002.	12 dams----	46	8,954	4.0	354
Used by Colin G. Spencer, Carthage.	Difference-- (1-8-2)	-3,273	+.1	-119	
CHET-AYR SNOWMAN 83505-----	12 daughters	33	6,622	4.0	266
Preliminary proof, 1-31-56; ; Kans.	6 daughters-	17	6,409	3.9	252
Born, 2-13-46; sire, 69396; dam, 272558.	6 dams----	18	6,740	4.0	268
Used by Harry H. Funk, Marion.	Difference-- (2-3-2)	-331	-.1	-16	
CLOVER MEADOWS' SNOW KING 92543** -----	30 daughters	37	8,870	4.1	364
Born, 10-7-47; proved, 1-31-56;	30 dams----	90	9,193	4.0	364
Sire, 62505; dam, 232256.	Difference-- (11-23-14)	-323	+.1	0	
Used by Lehigh Valley Co-op. A. B. A., Pa.					
COLD STREAM GOLDEN LOCH 82757-----	8 daughters-	10	8,847	4.2	374
Preliminary proof, 1-31-56; ; Vt.	5 daughters-	5	8,051	4.2	337
Born, 11-1-45; sire, 62756; dam, 240393.	5 dams----	7	7,539	3.9	293
Used by Forrest B. Page, Groton.	Difference-- (3-4-4)	+512	+.3	+44	

AYRSHIRE SIRES	Number	Records averaged	Milk	Test	Fat
			Number	lb.	lb.
DELCHESTER MASTERPIECE 91695-----	8 daughters-	12	10,353	3.9	409
Preliminary proof, 1-31-56; ; Pa.	6 daughters-	8	10,638	3.9	415
Born, 1-6-48; sire, 82701; dam, 322237.	6 dams----	27	11,841	4.0	477
Used by William H. Ashton, Edgemont.	Difference--	(1-3-1)	-1,203	-.1	-62
DELMARVA 4-H MAGNET 90288-----	11 daughters	16	9,612	4.3	413
Preliminary proof, 1-31-56; ; Md.	9 daughters-	14	9,654	4.3	412
Born, 4-12-46; sire, 71279; dam, 281930.	9 dams----	19	9,837	4.1	401
Used by Elmer & Edward Morris, Ingleside.	Difference--	(5-5-6)	-183	+.2	+11
DU-AYR HUTCH 81977-----	10 daughters	20	9,960	4.1	407
Preliminary proof, 1-31-56; ; Kans.	9 daughters-	18	10,060	4.1	409
Born, 9-15-45; sire, 58252; dam, 277328.	9 dams----	48	8,501	3.9	335
Used by Hubert Burgess, Nickerson.	Difference--	(6-8-6)	+1,559	+.2	+74
EVAN OF KIMBALL FARM 83741-----	7 daughters-	15	8,757	4.0	353
Preliminary proof, 1-31-56; ; Mass.	7 dams----	32	8,952	4.2	374
Born, 2-20-46; sire, 62701; dam, 199262.	Difference--	(3-3-3)	-195	-.2	-21
Used by Kimball's Ayr. Dairy, Haverhill.					
FAIR MEADOWS REDSKIN 92824-----	8 daughters-	10	9,794	3.9	383
Preliminary proof, 1-31-56; ; Conn.	7 daughters-	9	9,698	4.0	386
Born, 3-10-48; sire, 70259; dam, 232910.	7 dams----	27	10,564	4.2	443
Used by Henry B. Mosle, Litchfield.	Difference--	(2-0-2)	-866	-.2	-57
GLENBROOK JIM 92350-----	14 daughters	24	7,814	4.4	341
Born, 9-23-47; proved, 1-31-56; ; Pa.	13 daughters	22	7,916	4.4	347
Sire, 58950; dam, 204929.	13 dams----	49	7,837	4.1	323
Used by Glenbrook Farm, Concordville.	Difference--	(6-12-5)	+79	+.3	+24
GLENCLIFF P. A. MINNIE BEST MAN 91575--	6 daughters-	12	8,678	3.8	333
Preliminary proof, 1-31-56; ; Vt.	5 daughters-	10	8,653	3.8	332
Born, 6-16-47; sire, 77265; dam, 261384.	5 dams----	12	9,051	3.8	343
Used by Delbert Leete, Wells River.	Difference--	(2-4-2)	-398	.0	-11
GOOD HOPE BENEFACTOR 92704-----	7 daughters-	8	8,436	4.1	342
Preliminary proof, 1-31-56; ; N. C.	7 dams----	37	9,006	4.1	369
Born, 4-1-48; sire, 58825; dam, 233146.	Difference--	(4-4-4)	-570	.0	-27
Used by North Carolina Sanatorium, McCain.					
GOOD HOPE BUCKSHOT B. 93103-----	6 daughters-	7	10,189	3.9	394
Preliminary proof, 1-31-56; ; Conn.	6 dams----	29	10,101	4.0	403
Born, 5-24-48; sire, 58825; dam, 237860.	Difference--	(4-3-3)	+88	-.1	-9
Used by Goodnow Farm, Norfolk.					
GREENFIELD'S TRUE BANKER 82764-----	7 daughters-	11	10,373	4.3	443
Preliminary proof, 1-31-56; ; Wis.	7 dams----	34	7,952	3.9	312
Born, 10-28-45; sire, 74148; dam, 292042.	Difference--	(7-5-7)	+2,421	+.4	+131
Used by George Feeder, West Allis.					
GREENRANGE NIPPER 90683-----	9 daughters-	14	9,348	4.3	401
Preliminary proof, 1-31-56; ; Vt.	6 daughters-	9	9,241	4.3	400
Born, 9-18-47; sire, 84223; dam, 298935.	6 dams----	16	10,368	4.5	466
Used by Burdick Brothers, South Londonderry.	Difference--	(2-3-0)	-1,127	-.2	-66
HILL CREST BONNIE BOY 90107-----	27 daughters	44	9,147	4.2	383
Born, 12-3-46; proved, 1-31-56; ; N. Y.	27 dams----	81	8,947	3.9	350
Sire, 81145; dam, 331511.	Difference--	(15-24-18)	+200	+.3	+33
Used by Richard Victor, Champlain.					
KNOLLHILL FAY'S GOOD MAN 79945-----	5 daughters-	9	8,199	3.7	302
Preliminary proof, 1-31-56; ; Md.	5 dams----	11	7,636	3.7	286
Born, 12-27-44; sire, 58825; dam, 264586.	Difference--	(2-2-2)	+563	.0	+16
Used by Charles W. Slagle & Son, Woodbine.					
KNOLLHILL PEN LAD 80668-----	15 daughters	27	12,133	3.8	463
Born, 2-1-45; proved, 1-31-56; ; Md.	15 dams----	77	9,878	4.0	397
Sire, 58825; dam, 264594.	Difference--	(9-5-9)	+2,255	-.2	+66
Used by Howard W. Clark, Glenelg.					
MARY AYR JIM 91671-----	13 daughters-	18	9,110	4.1	371
Born, 9-8-47; proved, 1-31-56; ; N. Y.	12 daughters-	17	9,106	4.1	374
Sire, 65553; dam, 234454.	12 dams----	71	10,352	3.8	394
Used by Robert L. Gifford, Canandaigua.	Difference--	(3-11-5)	-1,246	+.3	-20
MASTER'S ARMOUR KING OF BUELAYR					
79962-----	9 daughters-	14	11,429	4.2	478
Preliminary proof, 1-31-56; ; N. Y.	5 daughters-	8	11,339	4.2	482
Born, 12-5-44; sire, 60268; dam, 170220.	5 dams----	14	10,541	4.3	449
Used by T. O. Wilson and Son, Waterloo.	Difference--	(4-2-3)	+798	-.1	+33

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
OAKHURST RAMBLER, IMP. 93088-----	5 daughters-	9	9,791	3.8	377
Preliminary proof, 1-31-56; ; Mich.	5 dams-----	18	11,077	4.0	443
Born, 1-4-47; sire, 86319; dam, 365662.	Difference--	(1-2-1)	-1,286	-.2	-66
Used by La Vern Mc Nabs, Crosswell.					
OHIO IMPRESSIVE DIPLOMAT 79989-----	6 daughters-	19	8,991	4.3	389
Preliminary proof, 1-31-56; ; Ohio.	5 daughters-	18	9,535	4.3	411
Born, 2-1-45; sire, 70151; dam, 186925.	5 dams-----	18	7,702	3.8	296
Used by Edwin McClain, Upper Sandusky.	Difference--	(5-5-5)	+1,833	+.5	+115
PRINCE GOLD'S DUKE 92311**-----	12 daughters	12	6,252	3.9	246
Born, 10-28-47; proved, 1-31-56; ; Iowa.	10 daughters	10	6,334	3.9	248
Sire, 80204; dam, 217614.	10 dams-----	13	6,327	3.7	237
Used by Lambert Winkels. McIntire.	Difference--	(5-7-6)	+7	+.2	+11
REDMAN'S LUCKY STAR 82609-----	6 daughters-	16	8,852	3.7	328
Preliminary proof, 1-31-56; ; N. Y.	5 daughters-	13	8,871	3.6	321
Born, 6-8-45; sire, 67922; dam, 271770.	5 dams-----	26	10,168	3.9	396
Used by Harold Schutt, Canandaigua.	Difference--	(1-1-0)	-1,297	-.3	-75
REYMANN MISTER DOUGLAS 18TH 83191-----	5 daughters-	9	9,822	4.0	391
Preliminary proof, 1-31-56; ; Ohio.	5 dams-----	14	9,468	4.2	402
Born, 11-28-45; sire, 47364; dam, 230560.	Difference--	(2-1-2)	+354	-.2	-11
Used by Howard Arthur, Cedarville.					
SPRING CRESS JIM 92475-----	7 daughters-	11	10,352	4.3	446
Preliminary proof, 1-31-56; ; Ill.	7 dams-----	38	9,004	4.2	377
Born, 11-3-47; sire, 58950; dam, 290478.	Difference--	(5-6-5)	+1,348	+.1	+69
Used by Spinney Run Farm, Libertyville.					
SUNNY ACRES HEATHER PAR 82322-----	9 daughters-	18	9,056	4.2	381
Preliminary proof, 1-31-56; ; N. Y.	9 dams-----	33	8,287	4.2	351
Born, 10-20-45; sire, 79476; dam, 250536.	Difference--	(7-5-5)	+769	.0	+30
Used by Lorenzo Niles, Cazenovia.					
VISTA GRANDE BEAUTINA'S KING 82748-----	27 daughters	52	8,267	4.3	356
Born, 5-27-45; proved, 1-31-56; ; Wis.	26 daughters	51	8,170	4.3	355
Sire, 55678; dam, 212564.	26 dams-----	111	7,679	4.0	307
Used by Lakeside Farm, Genoa City.	Difference--	(15-25-19)	+491	+.3	+48
WOODCHUCK BOMBARDIER 81836-----	10 daughters	32	10,490	3.9	411
Preliminary proof, 1-31-56; ; N. Y.	5 daughters-	14	10,232	4.1	417
Born, 11-1-43; sire, 74563; dam, 262400.	5 dams-----	14	9,598	4.2	406
Used by Maurice Downey, Millerton.	Difference--	(3-2-2)	+634	-.1	+11

BROWN SWISS SIRES

A. A. LOUISE'S ALPINE CLIMBER 81652					
*Mar. 53** -----	16 daughters	27	11,585	3.9	450
Preliminary proof, 1-31-56;	16 dams-----	64	9,940	3.8	378
Born, 8-31-46; sire, 42946; dam, 117887.	Difference--	(12-10-12)	+1,645	+.1	+72
Used by Wis. Scientific Breeding Inst., Wis. (A.B.A.)					
ENGLE ACRES DELLA'S MAX 90805 -----	6 daughters-	7	9,622	4.1	398
Preliminary proof, 1-31-56; ; Wis.	6 dams-----	18	9,021	4.0	363
Born, 12-17-47; sire, 76939; dam, 117022.	Difference--	(3-5-3)	+601	+.1	+35
Used by Anton Schraufnagle, Oakfield.					
ESTEMP BRIDGE DON 102123*Aug. 54**-----	11 daughters	19	10,307	4.0	415
Born, 10-5-46; proved, 1-31-56; dead ; Iowa.	10 daughters	15	10,411	4.0	417
Sire, 64879; dam, 132053.	10 dams-----	29	11,348	4.2	476
Used by Estle Templeton, Bagley.	Difference--	(3-3-2)	-937	-.2	-59
JUDD'S BRIDGE PRIMATE 77195*Feb. 53** -----	14 daughters	24	11,703	4.1	477
Born, 5-27-46; proved, 1-24-56;	14 dams-----	53	10,848	4.1	449
Sire, 42946; dam, 92194.	Difference--	(11-8-11)	+855	.0	+28
Used by Wis. Scientific Breeding Institute, Wis. (A. B. A.)					
LEE'S HILL KEEPER'S WISEACRE 93069-----	5 daughters-	5	7,894	3.9	305
Preliminary proof, 1-31-56; ; N. J.	5 dams-----	16	10,501	3.8	400
Born, 12-14-48; sire, 55163; dam, 115544.	Difference--	(1-4-1)	-2,607	+.1	-95
Used by John Jacob Astor, Basking Ridge.					
NOBLE MISTER DASHER 83519-----	5 daughters-	7	8,867	4.3	381
Preliminary proof, 1-31-56; ; Minn.	5 dams-----	18	8,700	4.0	347
Born, 3-30-47; sire, 68355; dam, 86435.	Difference--	(4-5-4)	+167	+.3	+34
Used by Cletus Schleich, Caledonia.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ROXANA'S COLUMBUS 83625* July 54**-----	23 daughters	42	9,966	4.2	422
Preliminary proof, 1-31-56; ; Ill.	15 daughters	28	10,153	4.2	429
Born, 1-5-47; sire, 42946; dam, 124203.	15 dams----	37	10,114	3.9	396
Used by Wis. Scientific Breeding Inst., Wis. (A+B. A.)	Difference-- (7-14-10)	+39	+.3	+33	
TOPPER TOM 89471 -----	6 daughters-	11	9,111	4.2	386
Preliminary proof, 1-31-56; ; Ill.	6 dams----	33	10,360	4.0	413
Born, 5-30-47; sire, 68634; dam, 105513.	Difference-- (1-4-4)	-1,249	+.2	-27	
Used by Jutkins & Winship, Champaign.					
V. F. DON QUICHOTE 83575** -----	15 daughters	22	9,235	4.2	385
Born, 1-23-47; proved, 1-24-56; alive ; Va.	15 dams----	63	9,019	4.1	368
Sire, 69865; dam, 133975.	Difference-- (9-8-10)	+216	+.1	+17	
Used by J. T. Williamson, Gainesville.					

GUERNSEY SIRES

ANTETAM FAITHFUL ROYALIST (TWIN)					
440183** -----	11 daughters	15	9,307	4.7	436
Preliminary proof, 1-31-56; ; N. C.	7 daughters-	8	9,584	4.7	455
Born, 10-18-48; sire, 341069; dam, 957723.	7 dams----	25	8,416	5.0	422
Used by Glenn Lowe, Asheboro.	Difference-- (7-1-6)	+1,168	-.3	+33	
BIG SPRINGS ROYAL CAVALIER 434704-----	7 daughters-	9	6,278	5.5	346
Preliminary proof, 1-31-56; ; Ind.	5 daughters-	7	6,761	5.5	369
Born, 2-19-48; sire, 321368; dam, 597734.	5 dams----	7	8,347	4.7	393
Used by Sisters of Providence, St. Mary-of-the-Woods.	Difference-- (1-5-2)	-1,586	+.8	-24	
CESOR KING'S GORDON 429784-----	6 daughters-	8	6,917	5.2	362
Preliminary proof, 1-31-56; ; Mich.	6 dams----	19	8,571	4.9	424
Born, 1-4-48; sire, 364164; dam, 502000.	Difference-- (0-6-0)	-1,654	+.3	-62	
Used by Joe C. Patterson, Reed City.					
CLEAR SPRINGS MAJESTY'S MAXIM 390097					
*Sept. 52** -----	23 daughters	56	8,778	5.3	462
Born, 12-11-45; proved, 1-24-56; ; N. C.	22 daughters	51	8,692	5.3	462
Sire, 329470; dam, 601485.	22 dams----	100	9,353	5.1	479
Used by Dr. T. E. Sikes, Greensboro.	Difference-- (7-17-11)	-661	+.2	-17	
COLDSPRING'S VALOR'S BADGER 431693-----	5 daughters-	10	6,623	4.8	317
Preliminary proof, 1-31-56; ; Pa.	5 dams----	18	6,845	4.8	318
Born, 11-8-47; sire, 394780; dam, 905749.	Difference-- (2-3-2)	-22	.0	-1	
Used by Herman P. Hege, Chambersburg.					
COOPER'S INROX 421336** -----	12 daughters	12	7,648	5.2	400
Preliminary AB proof, 1-24-56;	12 dams----	35	7,965	5.0	401
Born, 8-24-47; sire, 349264; dam, 628883.	Difference-- (5-7-7)	-317	+.2	-1	
Used by Kansas A. B. A., Kans.					
CURTISS CANDY ACE'S PAUL 397628-----	15 daughters	21	8,218	4.9	401
Preliminary proof, 1-31-56; ; Ind.	6 daughters-	8	8,752	4.9	428
Born, 9-30-46; sire, 344316; dam, 809835.	6 dams----	10	8,643	5.3	454
Used by Lee Seale, Lebanon.	Difference-- (3-2-3)	+109	-.4	-26	
DELLA'S PRINCE OF SUNNY DALE 383312----	15 daughters	31	9,009	5.0	452
Born, 9-25-45; proved, 1-31-56; ; Iowa.	10 daughters	18	8,634	5.0	435
Sire, 361920; dam, 788656.	10 dams----	39	8,231	4.7	390
Used by Alvin Byerly, Anamosa.	Difference-- (6-8-7)	+403	+.3	+45	
EDROBLIN EMORY'S LEAP 427828-----	7 daughters-	10	6,277	5.4	342
Preliminary proof, 1-31-56; ; Ind.	6 daughters-	8	6,165	5.5	340
Born, 2-29-48; sire, 367145; dam, 914016.	6 dams----	8	6,706	5.2	347
Used by I. C. Scharf, Floyd Knobs.	Difference-- (1-5-1)	-541	+.3	-7	
EVERGREEN'S BUTTERFAT KING 354358					
*15** -----	29 daughters	60	8,435	4.8	408
Born, 12-4-43; proved, 1-24-56; dead ; Kans.	23 daughters	44	8,472	4.9	417
Sire, 257519; dam, 473594.	23 dams----	69	8,126	5.1	417
Used by E. D. Hershberger, Newton.	Difference-- (15-8-13)	+348	-.2	0	
FAIRLAWN PEER'S PHARAOH 454178 -----	5 daughters-	5	10,130	4.6	467
Preliminary proof, 1-31-56; alive ; N. Mex.	5 dams----	15	9,284	4.5	417
Born, 6-17-49; sire, 404433; dam, 1028073.	Difference-- (3-3-4)	+846	+.1	+50	
Used by Dr. T. W. Allen, Las Cruces.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
FERN HILL ELECTION 381038-----	11 daughters	19	8,873	4.6	405
Preliminary proof, 1-31-56; ; Conn.	5 daughters-	13	8,633	4.6	395
Born, 8-8-45; sire, 329902; dam, 574519.	5 dams-----	9	9,075	4.7	429
Used by Stanley Finch, Roxbury.	Difference--	(1-1-1)	-442	-.1	-34
FORGES CAPTAIN HEDGES 400566*Nov. 54**--	8 daughters-	17	9,629	4.5	437
Preliminary proof, 1-31-56; ; Pa.	8 dams-----	24	8,787	4.5	393
Born, 7-24-46; sire, 326954; dam, 609166.	Difference--	(5-4-5)	+842	.0	+44
Used by Williams & Lathrop, New Hope.					
GOLDEN HARVEST CLAIMANT 454253-----	6 daughters-	10	7,347	5.3	393
Preliminary proof, 1-31-56; ; Minn.	5 daughters-	8	7,262	5.4	393
Born, 9-8-48; sire, 389433; dam, 863363.	5 dams-----	18	7,663	4.7	358
Used by George O. Fisher, Eagle Bend.	Difference--	(1-4-4)	-401	+.7	+35
GRASSLAND HIWOOD MODERN 423514-----	8 daughters-	12	7,722	4.5	348
Preliminary proof, 1-31-56; ; Conn.	6 daughters-	9	8,026	4.4	357
Born, 2-4-47; sire, 231202; dam, 517687.	6 dams-----	24	9,255	4.8	441
Used by L. Hurlbut & Sons, Winchester.	Difference--	(2-1-0)	-1,229	-.4	-84
HOLCOMB'S PEERLESS VICTOR 365001					
*Apr. 52** -----	30 daughters	70	9,858	5.2	513
Born, 10-18-44; proved, 1-24-56; alive;	24 daughters	54	9,730	5.2	510
Sire, 299619; dam, 522694.	24 dams-----	59	9,319	5.0	462
Used by American Breeders Service, Ind.	Difference--	(14-17-17)	+411	+.2	+48
(A. B. A.).					
HOMINY HILL VICEROY 455056-----	6 daughters-	6	10,495	4.9	514
Preliminary proof, 1-31-56;	5 daughters-	5	10,131	4.9	496
Born, 12-6-49; sire, 250949; dam, 861936.	5 dams-----	11	8,833	4.3	381
Used by Wis. Scientific Breeding Institute,	Difference--	(3-5-4)	+1,298	+.6	+115
Wis. (A. B. A.).					
INNISFREE BORDER KING 451961** -----	8 daughters-	10	7,942	4.7	376
Preliminary proof, 1-31-56; ; Pa.	7 daughters-	9	7,684	4.8	369
Born, 4-23-49; sire, 358896; dam, 924451.	7 dams-----	17	8,354	4.7	389
Used by Elmer C. Musser, Fountainville.	Difference--	(3-3-3)	-670	+.1	-20
KENFLEUR'S SHERON REFLECTOR 389976-----	6 daughters-	10	6,892	5.1	353
Preliminary proof, 1-31-56; ; Ill.	5 daughters-	9	6,701	5.1	341
Born, 9-4-45; sire, 251754; dam, 450923.	5 dams-----	22	8,734	5.0	440
Used by Hillman & Getz, Tremont.	Difference--	(1-3-1)	-2,033	+.1	-99
KING'S CROWN JEWELLER 408838-----	6 daughters-	7	8,727	4.9	429
Preliminary proof, 1-31-56; ; Pa.	5 daughters-	6	8,495	5.0	423
Born, 6-1-47; sire, 329184; dam, 609647.	5 dams-----	14	8,151	4.9	399
Used by John C. Bole, Malvern.	Difference--	(3-4-3)	+344	+.1	+24
LASZLO OF NOVU 423552-----	11 daughters	11	9,875	5.2	515
Preliminary proof, 1-31-56; ; Oreg.	9 daughters-	9	10,024	5.2	517
Born, 11-14-47; sire, 378881; dam, 550691.	9 dams-----	17	10,117	4.6	466
Used by Fred & Eva Hoover, Hillsboro.	Difference--	(6-8-8)	-93	+.6	+51
L. P. MONTE OF NOSKER FARM 435042-----	10 daughters	12	6,449	4.9	316
Born, 8-25-48; proved, 1-31-56; ; Ind.	10 dams-----	38	7,952	4.9	394
Sire, 333511; dam, 674963.	Difference--	(1-6-3)	-1,503	.0	-78
Used by Triggs & Westafer, Huntington.					
MAPLE DAWN SQUIRE'S NEON 416675** -----	9 daughters-	13	9,258	4.9	453
Preliminary proof, 1-24-56; alive;	9 dams-----	41	8,509	5.1	436
Born, 7-21-47; sire, 367366; dam, 871641.	Difference--	(6-4-5)	+749	-.2	+17
Used by American Breeders Service, Ind.	(A. B. A.).				
MCDONALD FARMS JUST NORMAN 432459----	6 daughters-	7	6,948	5.1	356
Preliminary proof, 1-31-56; ; Pa.	5 daughters-	6	6,592	5.2	340
Born, 3-10-48; sire, 385815; dam, 650139.	5 dams-----	20	7,898	5.2	408
Used by R. C. Jacobs, Brogueville.	Difference--	(1-2-0)	-1,306	.0	-68
MCDONALD FARMS KEARNEY 384108-----	10 daughters	26	8,304	4.9	408
Preliminary proof, 1-31-56; ; Nebr.	6 daughters-	13	7,886	5.0	398
Born, 7-18-45; sire, 280641; dam, 274303.	6 dams-----	8	6,120	5.1	312
Used by Wayne Gilliland, Wayne.	Difference--	(5-3-6)	+1,766	-.1	+86
MILLBORN DUKE (TWIN) 456246-----	6 daughters-	11	7,885	4.8	380
Preliminary proof, 1-31-56; ; N. H.	6 dams-----	30	8,016	4.6	367
Born, 3-16-49; sire, 343552; dam, 768534.	Difference--	(3-4-5)	-131	+.2	+13
Used by John Weeks, Laconia.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
PLANE VIEW PEPPER 430428-----	9 daughters-	11	8,599	4.8	417
Preliminary proof, 1-31-56; ; Iowa.	6 daughters-	7	8,265	4.7	391
Born, 5-21-48; sire, 388875; dam, 1071838.	6 dams----	14	7,942	4.4	353
Used by John Dayle Yoder, Kalona.	Difference--	(3-5-5)	+323	+.3	+38
PLEASANT VIEW ACE ROSE KING 465017-----	7 daughters-	10	7,931	4.8	380
Preliminary proof, 1-31-56; ; N. C.	7 dams----	19	7,580	4.9	372
Born, 11-28-49; sire, 297475; dam, 1016449.	Difference--	(4-3-3)	+351	-.1	+8
Used by A. Q. Ketner, Murphy.					
RANSOM ANGELLA'S ADONIS 430534** -----	9 daughters-	15	8,977	4.9	440
Preliminary proof, 1-31-56; ; Kans.	8 daughters-	14	8,880	4.9	436
Born, 2-29-48; sire, 313903; dam, 998641.	8 dams----	15	6,374	4.8	307
Used by Albert J. Winn, Burlington.	Difference--	(8-6-8)	+2,506	+.1	+129
ROLLING ACRES MAX 422341-----	13 daughters-	19	8,211	4.6	375
Born, 11-25-47; proved, 11-18-55; ; Minn.	11 daughters	16	8,414	4.5	383
Sire, 351934; dam, 564066.	11 dams----	40	8,043	4.8	385
Used by Joe Johnson, Zumbro Falls.	Difference--	(7-4-7)	+371	-.3	-2
ROSSMONT LUCKY STARZELL 471878 -----	7 daughters-	9	7,845	5.1	403
Preliminary proof, 1-31-56; ; Va.	7 dams----	26	6,761	4.9	331
Born, 8-12-48; sire, 351256; dam, 836984.	Difference--	(6-6-7)	+1,084	+.2	+72
Used by E. L. Talbot, Cloverdale.					
ST. ALBANS GLAMOUR G. VAL 454608 -----	7 daughters-	11	7,795	5.1	397
Preliminary proof, 1-31-56; ; Ill.	7 dams----	29	8,302	5.1	425
Born, 7-8-49; sire, 319076; dam, 1102313.	Difference--	(2-4-2)	-507	.0	-28
Used by John & Fred Ostroka, Sandoval.					
SIKCO GOLDEN MAXIM 384844 *June 53** -----	21 daughters	41	8,117	5.2	426
Born, 3-18-46; proved, 1-24-56; ; N. C.	21 dams----	104	9,026	5.2	470
Sire, 272738; dam, 708551.	Difference--	(5-11-8)	-909	.0	-44
Used by Dr. T. E. Sikes, Greensboro.					
STERLINGOLD MARKSMAN 433930*Aug. 54**--	15 daughters	25	9,979	4.9	487
Preliminary proof, 1-31-56;	14 daughters	24	10,029	4.9	490
Born, 6-1-48; sire, 362350; dam, 815060.	14 dams----	47	9,206	5.1	468
Used by American Breeders Service, Ind.	Difference--	(11-5-9)	+823	-.2	+22
(A. B. A.)					
STORRS BRIGADIER JUSTICE 454143 -----	5 daughters-	5	5,961	4.6	273
Preliminary proof, 1-31-56; dead; Conn.	5 dams----	28	6,710	4.7	317
Born, 7-10-49; sire, 385815; dam, 919037.	Difference--	(2-2-1)	-749	-.1	-44
Used by F. N. Weingart & Son, Torrington.					
SUNBEAM OF GLENVISTA 385730-----	29 daughters	58	6,346	5.2	329
Born, 12-8-45; proved, 1-31-56; ; Va.	10 daughters	21	6,512	5.3	346
Sire, 345660; dam, 734321.	10 dams----	35	7,382	4.9	359
Used by L. M. Pangles & Sons, Strasburg.	Difference--	(4-10-6)	-870	+.4	-13
TARBELL BRIGHT LARCHMONT 422538					
*Apr. 55** -----	27 daughters	49	10,454	4.8	499
Born, 11-12-46; proved, 1-24-56;	18 daughters	35	10,555	4.8	502
Sire, 276038; dam, 904261.	18 dams----	49	10,206	5.0	513
Used by Wis. Scientific Breeding Institute, Wis.	Difference--	(10-6-8)	+349	-.2	-11
(A. B. A.).					
THURSTONIA MAJOR 408683-----	9 daughters-	15	8,110	4.5	365
Preliminary proof, 1-31-56; ; Maine	8 daughters-	14	8,216	4.5	368
Born, 3-19-47; sire, 365091; dam, 806171.	8 dams----	18	7,644	4.2	322
Used by Paul C. Thurston, Bethel.	Difference--	(5-5-6)	+572	+.3	+46
U. OF M. GWEN'S JETHRO 401063*Aug. 55**--	24 daughters	49	8,182	5.0	412
Born, 10-13-46; proved, 1-24-56;	20 daughters	38	8,190	5.0	413
Sire, 224888; dam, 944726.	20 dams----	50	8,933	5.0	445
Used by Wis. Scientific Breeding Institute, Wis.	Difference--	(9-14-9)	-743	.0	-32
(A. B. A.).					
URBANDALE PROFESSOR GEORGIE 382028----	8 daughters-	27	8,599	4.9	426
Preliminary proof, 1-31-56; ; Wis.	5 daughters-	17	8,510	5.0	421
Born, 8-16-45; sire, 317207; dam, 854855.	5 dams----	15	9,432	5.1	483
Used by Wilbur J. Becker, Colby.	Difference--	(3-1-2)	-922	-.1	-62
WALKER FARMS PIPER PLAINSMAN 450606*--	6 daughters-	7	8,471	5.2	442
Preliminary proof, 1-31-56; ; Kans.	6 dams----	22	6,921	4.9	338
Born, 4-16-49; sire, 281537; dam, 934043.	Difference--	(4-5-5)	+1,550	+.3	+104
Used by Earnest Adams, Newton.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
WELCOME IN CLARION 401887-----	5 daughters-	11	9,926	4.5	451
Preliminary proof, 1-31-56; ; Ind.	5 dams-----	8	10,373	4.5	469
Born, 8-24-46; sire, 287402; dam, 810043.	Difference--	(3-3-3)	-447	0	-18
Used by Dallas Livingston, Hillsboro.					
WESTLYNN NEBRASKA 458454-----	8 daughters-	9	9,583	5.0	481
Preliminary proof, 1-31-56; ; Idaho.	6 daughters-	7	9,858	5.2	510
Born, 10-10-49; sire, 431889; dam, 744448.	6 dams-----	24	8,811	5.1	450
Used by L. A. Fairbanks, Boise.	Difference--	(5-3-5)	+1,047	+.1	+60
WINDY HEIGHTS LEVITY KING 423896-----	6 daughters-	14	8,449	4.6	392
Preliminary proof, 1-31-56; ; Ohio.	5 daughters-	9	8,218	4.6	374
Born, 11-12-45; sire, 306889; dam, 800999.	5 dams-----	22	8,262	4.7	388
Used by Paul Stebbins, Farmersville.	Difference--	(2-3-2)	-44	-.1	-14

HOLSTEIN SIRES

AMCANA DUKE PATRICK 1038963-----	8 daughters-	12	12,709	3.5	448
Preliminary proof, 1-31-56; ; Maine.	6 daughters-	8	12,674	3.5	446
Born, 6-9-48; sire, 1001985; dam, 2410519.	6 dams-----	23	11,865	3.7	438
Used by Beverly P. Rand, Sherman Mills.	Difference--	(4-1-4)	+809	-.2	+8
AMOS RAG APPLE STERLING 1105138** -----	5 daughters-	5	11,996	3.7	444
Preliminary proof, 1-31-56; ; Mich.	5 dams-----	11	11,361	3.5	399
Born, 8-2-49; sire, 934505; dam, 2683426.	Difference--	(3-3-3)	+635	+.2	+45
Used by Kenneth Schultz, Merrill.					
ASHMEADOW KING SEGIS DICK 1079040-----	13 daughters	17	10,113	4.1	412
Born, 9-14-47; proved, 1-31-56; ; Vt.	12 daughters	16	10,281	4.1	417
Sire, 845504; dam, 2461605.	12 dams-----	47	9,985	3.9	393
Used by E. T. Hubbard, Putney.	Difference--	(6-9-5)	+296	+.2	+24
ASHVALE DENNING RAG APPLE STAR					
1066142-----	6 daughters-	9	12,101	3.8	454
Preliminary proof, 1-31-56; ; Va.	6 dams-----	19	13,118	3.5	458
Born, 11-11-48; sire, 1008255; dam, 2331116.	Difference--	(2-5-3)	-1,017	+.3	-4
Used by W. J. Smith, Culpeper.					
BALL FARM TEXAL PRINCE 1048688 -----	9 daughters-	15	13,365	3.7	496
Preliminary proof, 1-31-56; dead; Ind.	9 dams-----	34	14,137	3.5	496
Born, 6-7-48; sire, 980126; dam, 2754673.	Difference--	(2-9-4)	-772	+.2	0
Used by Russel Pattison, Summitville.					
BARNARD ALMA BUSTER 1118146-----	7 daughters-	7	13,170	4.0	521
Preliminary proof, 1-31-56; ; Ill.	7 dams-----	27	13,636	3.9	534
Born, 2-21-50; sire, 921892; dam, 2336227.	Difference--	(4-4-3)	-466	+.1	-13
Used by Alfred Ames, Zion.					
BAVELAS HAZELWOOD BURKE DAY 1093595--	6 daughters-	8	10,214	3.7	379
Preliminary proof, 1-31-56; ; Utah.	6 dams-----	8	8,947	3.6	326
Born, 1-7-49; sire, 931514; dam, 2357181.	Difference--	(6-4-5)	+1,267	+.1	+53
Used by Harmon E. Day, Draper.					
BLUHM KORNDYKE BURKE FOBES 1048412---	5 daughters-	5	13,268	3.7	495
Preliminary proof, 1-31-56; ; Mo.	5 dams-----	9	11,588	3.6	419
Born, 4-30-48; sire, 835637; dam, 2538461.	Difference--	(4-3-4)	+1,680	+.1	+76
Used by Emil Heimsoth, Higginsville.					
BRACKEL FARM MONTVIC P F ROY 1057359--	5 daughters-	5	12,890	3.7	478
Preliminary proof, 1-31-56; ; N. Y.	5 dams-----	17	12,923	4.1	535
Born, 4-14-48; sire, 833681; dam, 2436893.	Difference--	(3-0-2)	-33	-.4	-57
Used by B. H. Decker, Walden.					
BREEZY LANE SIR MODEL DIAMOND					
1073428** -----	5 daughters-	5	13,113	3.6	475
Preliminary proof, 1-24-56; ; Kans.	5 dams-----	17	11,321	3.4	385
Born, 1-1-49; sire, 736132; dam, 2395185.	Difference--	(3-4-4)	+1,792	+.2	+90
Used by Donald & Roy Hopkins, Clearwater.					
BROADFIELD TOWNSHEND BURKE 1114480 ---	6 daughters-	9	12,803	3.8	486
Preliminary proof, 1-31-56; ; Vt.	6 dams-----	26	12,689	3.7	469
Born, 1-6-48; sire, 904086; dam, 2666424.	Difference--	(4-4-3)	+114	+.1	+17
Used by Morgan Holstein Farm, Townshend.					
BROWNDELL TOVARICH PONTIAC 1067838---	8 daughters-	9	10,433	3.7	387
Preliminary proof, 1-31-56; ; Ill.	5 daughters-	6	9,771	3.7	363
Born, 3-5-48; sire, 930989; dam, 2062723.	5 dams-----	12	9,179	3.6	330
Used by Edward G. Brown, Caledonia.	Difference--	(3-4-3)	+592	+.1	+33

HOLSTEIN SIRES	Animals	Records averaged	Milk			
			Number	Number	lb.	%
BURKE INKA ORMSBY DUKE 1107626-----	9 daughters-	13	10,238	3.5	361	
Preliminary proof, 1-31-56; ; Utah.	6 daughters-	8	10,961	3.5	386	
Born, 12-3-48; sire, 996130; dam, 3153555.	6 dams----	8	10,438	3.5	365	
Used by John M. Hardy, Brigham City..	Difference--	(4-5-4)	+523	.0	+21	
CAMPION HILLS MONTVIC KING 1102948 ----	6 daughters-	9	10,003	4.1	415	
Preliminary proof, 1-31-56; ; Ill.	6 dams----	24	13,375	3.8	506	
Born, 10-23-48; sire, 853346; dam, 2353846.	Difference--	(0-6-1)	-3,372	+.3	-91	
Used by Campton Hills Farm, Elburn.						
CAMPION HILLS MONTVIC PERFECTION						
951291-----	21 daughters	26	10,628	3.6	384	
Born, 7-1-45; proved, 1-31-56; ; Ill.	21 dams----	80	12,521	3.5	432	
Sire, 808860; dam, 2114486.	Difference--	(3-18-5)	-1,893	+.1	-48	
Used by Illinois State Penitentiary, Joliet.						
CARNATION JUPITER 950707*Aug. 54** -----	8 daughters-	18	12,653	3.8	485	
Preliminary proof, 1-24-56;	8 dams----	39	13,293	3.5	459	
Born, 8-5-45; sire, 698462; dam, 1935599.	Difference--	(4-8-6)	-640	+.3	+26	
Used by Wis. Scientific Breeding Institute, Wis (A. B. A.).						
CARNATION REVELATION RADAR 1132987** -	8 daughters-	12	12,178	3.8	458	
Preliminary proof, 1-31-56; alive ; Utah.	7 daughters-	11	12,082	3.8	458	
Born, 1-15-49; sire, 949802; dam, 2595633.	7 dams----	20	11,626	3.7	428	
Used by William Hess, Lewiston.	Difference--	(3-6-4)	+456	+.1	+30	
ASHMAN GRACEFUL PAUL 1103803** -----	5 daughters-	5	15,047	3.9	580	
Preliminary proof, 1-31-56; ; N. Y.	5 dams----	20	12,991	3.5	460	
Born, 1-27-50; sire, 1020473; dam, 3017080.	Difference--	(4-5-5)	+2,056	+.4	+120	
Used by Glen Arden Farms, Pawling.						
CLARIDGE ADMIRAL CONQUEROR 1145365----	5 daughters-	10	15,070	3.7	556	
Preliminary proof, 1-31-56; ; N. Y.	5 dams----	20	13,187	3.7	484	
Born, 8-29-46; sire, 784407; dam, 2464981.	Difference--	(5-3-5)	+1,883	.0	+72	
Used by C. E. Eldridge, Pine Plains.						
CLYDE HILL FAVORITE ROXINA LAD						
1038446 -----	6 daughters-	8	13,973	3.6	508	
Preliminary proof, 1-31-56; ; Nebr.	6 dams----	13	11,750	3.9	454	
Born, 3-29-48; sire, 813522; dam, 2450073.	Difference--	(4-2-4)	+2,223	-.3	+54	
Used by Gerald Armstrong, Auburn.						
CLYDE HILL VICTOR NINA TIDY ROCK						
1038449 -----	15 daughters	19	12,417	3.8	468	
Born, 3-20-48; proved, 1-31-56; ; Nebr.	13 daughters	16	12,528	3.7	466	
Sire, 960375; dam, 2393209.	13 dams----	47	11,435	3.4	392	
Used by Father Flanagan's Boys' Home, Boys Town.	Difference--	(9-12-8)	+1,093	+.3	+74	
CONFIDEEN MELODY MASTER 967873						
*Sept. 54** -----	27 daughters	42	13,136	3.5	462	
Born, 4-8-46; proved, 1-24-56; alive;	22 daughters	34	12,904	3.5	453	
Sire, 934486; dam, 2118378.	22 dams----	94	12,032	3.5	418	
Used by American Breeders Service, Ind.	Difference--	(14-12-14)	+872	.0	+35	
(A. B. A.).						
CURTISS CANDY MASTERPIECE 978750**-----	50 daughters	59	10,978	3.7	407	
Born, 6-27-46; AB proof, 1-31-56;	50 dams----	142	12,227	3.5	431	
Sire, 919604; dam, 1661825.	Difference--	(16-37-16)	-1,249	+.2	-24	
Used by Curtiss Candy Co., Ill. (A. B. A.).						
DAHLWOOD KORNDYKE CHAMPION 1081263--	6 daughters-	7	8,367	3.9	324	
Preliminary proof, 1-31-56; ; Minn.	6 dams----	15	10,143	3.9	400	
Born, 4-21-49; sire, 829768; dam, 2527688.	Difference--	(1-4-3)	-1,776	.0	-76	
Used by Frank Johnson, Biscay.						
DAIRY-DELL AIMWOOD BUTTER BOY 1068898-5	daughters-	5	13,030	3.5	456	
Preliminary proof, 1-31-56; ; Ohio.	5 dams----	18	12,941	3.5	447	
Born, 3-27-49; sire, 938151; dam, 2019564.	Difference--	(2-3-3)	+119	.0	+9	
Used by Wesemeyer Brothers, Grafton.						
DE KOL RAG APPLE KAYBURN 1132749 -----	7 daughters-	7	11,593	3.5	401	
Preliminary proof, 1-31-56; ; Vt.	5 daughters-	5	12,168	3.2	393	
Born, 10-4-49; sire, 200393 CHB;	5 dams----	7	11,224	3.5	389	
dam, 675991 CHB.	Difference--	(2-1-2)	+944	-.3	+4	
Used by George & James Hayes, Enosburg Falls.						

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat		
			Number	Number	lb.	%	lb.
DINGLE RIDGE ECU DAR SALADIN BASIL							
1036180* Aug. 54** -----	22 daughters	38	12,137	3.9	471		
Born, 9-8-47; proved, 1-31-56; ; Md.	22 dams-----	108	10,152	3.9	399		
Sire, 951755; dam, 2641793.	Difference-- (20-10-17)	+1,985	.0	+72			
Used by G. D. Moomaw & Son, Phoenix.							
ECHORIDGE ORMSBY BURKE NEPTUNE							
952029* Aug. 53** -----	16 daughters	35	14,696	3.7	537		
Preliminary proof, 1-31-56;	13 daughters	30	14,582	3.6	526		
Born, 9-28-45; sire, 837719; dam, 2294814.	13 dams-----	43	13,018	3.7	479		
Used by Wis. Scientific Breeding Inst., Wis. (A. B. A.)	Difference-- (10-7-9)	+1,564	-.1	+47			
ELBANNER BESS ORMSBY NORMAN 1141652							
-- 17 daughters	38	11,570	3.5	404			
Born, 7-18-47; proved, 1-31-56; ; N. Y.	14 daughters	34	11,662	3.5	412		
Sire, 737915; dam, 2379183.	14 dams-----	31	13,422	3.5	465		
Used by Ronald Burrows, Elba.	Difference-- (5-10-3)	-1,760	.0	-53			
ELECT RAG APPLE SUPREME 1009296**							
----- 13 daughters	24	10,921	3.8	413			
Born, 2-22-47; proved, 1-31-56; ; W. Va.	12 daughters	22	11,124	3.8	420		
Sire, 931108; dam, 2266900.	12 dams-----	46	10,087	3.7	370		
Used by William & Perry Simms, Lewisburg.	Difference-- (7-9-8)	+1,037	+.1	+50			
FOBES COLANTHA MECHTHILDE 1060744							
----- 6 daughters-	7	7,992	3.6	288			
Preliminary proof, 1-31-56; ; Wis.	5 daughters-	6	8,338	3.7	311		
Born, 3-1-48; sire, 822837; dam, 2073478.	5 dams-----	18	8,019	3.7	297		
Used by Karl Kloehn, Forest Junction.	Difference-- (4-3-5)	+319	.0	+14			
FRANLO ROEBUCK REGENT 1058625							
----- 19 daughters-	25	11,806	3.6	424			
Born, 10-5-48; proved, 1-31-56; ; Minn.	18 daughters	24	11,736	3.6	420		
Sire, 908548; dam, 2645677.	18 dams-----	66	12,797	3.4	441		
Used by Hansen Brothers, Raymond.	Difference-- (9-11-9)	-1,061	+.2	-21			
FRICKES TRIUMPH COLANTHA IDEAL							
1104238** ----- 8 daughters-	8	14,808	3.4	505			
Preliminary proof, 1-31-56; ; Mich.	7 daughters-	7	14,859	3.5	516		
Born, 5-10-49; sire, 901451; dam, 2624910.	7 dams-----	19	13,993	3.6	504		
Used by John Fricke, Middleton.	Difference-- (4-4-3)	+866	-.1	+12			
GAINLOSS TOOTSIE DICTATOR 1106032**							
----- 7 daughters-	7	13,072	3.5	455			
Preliminary proof, 1-31-56; ; Ind.	7 dams-----	20	12,926	3.2	419		
Born, 3-8-49; sire, 943293; dam, 2609778.	Difference-- (4-6-4)	+146	+.3	+36			
Used by Ralph Howard, Howe.							
G C B CARNATION GOVERNOR CHIEFTAIN							
1012502* May 53** ----- 19 daughters	36	12,145	4.1	493			
Born, 5-11-47; proved, 1-31-56; ; N. Y.	16 daughters	33	12,691	4.1	522		
Sire, 977276; dam, 2614649.	16 dams-----	46	13,389	3.7	490		
Used by Baird Farms, Inc., Holcomb.	Difference-- (5-15-10)	-698	+.4	+32			
G C B FOBES CARNATION EMPEROR 997719**							
9 daughters-	14	13,227	3.6	481			
Preliminary proof, 1-31-56; ; N. Y.	5 daughters-	9	13,611	3.7	502		
Born, 8-30-46; sire, 799545; dam, 2432416.	5 dams-----	12	12,269	3.5	429		
Used by Baird Farms, Inc., Holcomb.	Difference-- (4-4-4)	+1,342	+.2	+73			
G C B WAYNE WINTERTHUR EMPEROR							
1079622 ----- 5 daughters-	5	10,967	3.7	404			
Preliminary proof, 1-31-56; ; N. Y.	5 dams-----	18	10,624	3.7	397		
Born, 4-20-49; sire, 867643; dam, 2642881.	Difference-- (3-2-2)	+343	.0	+7			
Used by Carl E. Aude, Romulus.							
GLEN EDEN SKYLARK RETURN 1065421-----							
7 daughters-	8	10,689	3.6	387			
Preliminary proof, 1-31-56; ; Ill.	6 daughters-	6	10,655	3.6	384		
Born, 7-28-47; sire, 711381; dam, 2671546.	6 dams-----	32	11,776	3.5	413		
Used by Rudy J. Durst, Princeville.	Difference-- (3-6-3)	-1,121	+.1	-29			
GREENAWAY GENERAL SOVEREIGN 1063481--							
6 daughters-	9	10,786	3.4	369			
Preliminary proof, 1-31-56; ; N. Y.	6 dams-----	26	11,191	3.5	390		
Born, 2-25-49; sire, 977110; dam, 2411455.	Difference-- (2-3-2)	-405	-.1	-21			
Used by Willard Fitch, Bridgewater.							
HARDEN FARMS DEEN FIFTY-ONE 1094964--							
13 daughters	15	11,732	3.7	430			
Born, 8-19-48; proved, 1-31-56; ; N. Y.	12 daughters	13	11,764	3.7	431		
Sire, 877828; dam, 2030788.	12 dams-----	35	12,354	3.6	445		
Used by Clifton Timmerman #2, Lagrangeville.	Difference-- (3-9-5)	-590	+.1	-14			
HAWKHERST EMPEROR EMILE 1063959 -----							
6 daughters-	8	14,995	3.7	560			
Preliminary proof, 1-31-56; ; N. Y.	6 dams-----	30	15,278	3.8	583		
Born, 8-24-48; sire, 758689; dam, 541918 CHB.	Difference-- (2-4-2)	-283	-.1	-23			
Used by Henry Lane, Dundee.							

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test			
				Number	Number	lb.	
HAZELWOODER BURKE TIDY PONTIAC							
1077097** -----	15 daughters	15	11,600	3.7	430		
Preliminary proof, 1-24-56; ; Kans.	7 daughters-	7	11,954	3.8	457		
Born, 7-21-48; sire, 866497; dam, 2918802.	7 dams-----	7	11,661	3.6	421		
Used by Earl Benjamin, Garnett.	Difference--	(4-6-5)	+293	+.2	+36		
HERPHANBA HOME ORMSBY GOVERNOR							
1094394 -----	8 daughters-	9	13,774	3.8	521		
Preliminary proof, 1-31-56; dead ; Ind.	8 dams-----	27	15,676	3.4	538		
Born, 2-19-49; sire, 812359; dam, 2801646.	Difference--	(2-7-5)	-1,902	+.4	-17		
Used by Therl Jackson, Yorktown.							
HILLDALE DE KOL ORMSBY FOBES 1074534 -- 5 daughters-							
Preliminary proof, 1-31-56; ; Mich.	5 dams-----	6	13,513	3.3	446		
Born, 4-1-47; sire, 996369; dam, 2050228.	Difference--	(1-5-2)	-1,296	+.3	-6		
Used by Robert Hunt, Eaton Rapids.							
ILEANA ASTREA COMMANDER 1074823 ----- 7 daughters-							
Preliminary proof, 1-31-56; ; Ill.	6 daughters--	8	11,712	3.6	425		
Born, 5-28-49; sire, 927672; dam, 2404003.	6 dams-----	7	11,459	3.7	420		
Used by Rainbow Dairy Farm, Elgin.	Difference--	(1-4-1)	-1,511	+.1	-53		
IMPERIAL PROSPECT CHIEFTAIN 962207 ----- 8 daughters-							
Preliminary proof, 1-31-56; ; Utah.	6 daughters-	8	11,099	3.3	371		
Born, 6-24-45; sire, 828805; dam, 2068786.	6 dams-----	6	10,825	3.3	359		
Used by Fenton McFarland, Brigham City.	Difference--	(4-4-3)	-19	11,303	3.2	366	
				-478	+.1	-7	
ISLAND ROAD EXCELSIOR 1112532** ----- 5 daughters-							
Preliminary proof, 1-31-56; ; Mich.	5 dams-----	6	13,786	3.5	482		
Born, 4-17-49; sire, 844849; dam, 2589546.	Difference--	14	13,686	3.6	495		
Used by Ward Lewis & Son, Elsie.	(3-1-3)	+100	-.1	-13			
JUSTFLO OSCAR BELMONT FOBES 1109398 5 daughters-							
Preliminary proof, 1-31-56; ; Wis.	5 dams-----	5	10,396	3.6	371		
Born, 11-11-49; sire, 992853; dam, 2926704.	Difference--	14	11,392	3.7	425		
Used by Peter Just, Chilton	(3-2-1)	-996	-.1	-54			
KNOLLWOOD CHIEFTAIN SARCASTICAL							
(TWIN) 890181*June 53** -----	32 daughters	74	13,046	3.9	504		
Born, 3-25-43; proved, 1-24-56; alive	28 daughters	58	12,877	3.9	500		
Sire, 695631; dam, 2307347.	28 dams-----	100	12,919	3.5	453		
Used by American Breeders Service, Ind.	Difference--	(16-21-20)	-42	+.4	+47		
(A. B. A.).							
LEET MIDKIFF MONTY 1055248 ----- 5 daughters-							
Preliminary proof, 1-31-56; ; Pa.	5 dams-----	13	9,962	3.7	369		
Born, 4-13-47; sire, 894350; dam, 1964638.	Difference--	16	12,179	3.3	398		
Used by C. Leroy Coleman, Jr., Montrose.	(0-4-3)	-2,217	+.4	-29			
LILACVALLEY TRIUNE BUSTER 1067062 ----- 5 daughters-							
Preliminary proof, 1-31-56; ; Kans.	5 dams-----	6	12,983	3.4	443		
Born, 12-8-48; sire, 1001129; dam, 2407891.	Difference--	20	10,193	4.0	403		
Used by Wilbur Sloan, Cleveland.	(4-0-4)	+2,790	-.6	+40			
LINSTEAD HILL JOHANNA BEARD 1237745 ----- 18 daughters							
Born, 6-1-44; proved, 1-31-56; ; Va.	11 daughters	25	9,582	3.9	375		
Sire, 827151; dam, 2173845.	11 dams-----	16	9,683	3.9	373		
Used by F. B. Tate, Bland.	Difference--	19	9,406	3.7	351		
	(7-8-8)	+275	+.2	+22			
LUCK BROS EL SENTINAL 1084502 ----- 12 daughters							
Born, 8-30-49; proved, 1-31-56; alive; Va.	11 daughters	15	11,491	3.7	426		
Sire, 863709; dam, 2570082.	11 dams-----	13	11,796	3.7	438		
Used by G. O. Pettus, Keysville.	Difference--	26	10,376	3.9	402		
	(8-4-6)	+1,420	-.2	+36			
MADCAP GOVERNOR CHIEF 1113759 ----- 5 daughters-							
Preliminary proof, 1-31-56; ; Utah.	5 dams-----	5	11,254	3.5	397		
Born, 7-4-49; sire, 746309; dam, 2491236.	Difference--	8	9,593	3.6	342		
Used by Alfred Lippold, Salt Lake City.	(4-2-3)	+1,661	-.1	+55			
MANCRYCO GOVERNOR RUDY 1021367 ----- 10 daughters							
Preliminary proof, 1-31-56; ; Ill.	9 daughters-	10	14,133	3.6	514		
Born, 11-16-47; sire, 918396; dam, 2548210.	9 dams-----	9	13,945	3.7	516		
Used by Fred Brown, Williamsfield.	Difference--	27	15,794	3.6	561		
	(2-4-2)	-1,849	+.1	-45			
MANFDELL WAYNE PIETERTJE 1089105 ----- 5 daughters-							
Preliminary proof, 1-31-56; ; Iowa.	5 dams-----	5	13,533	3.6	487		
Born, 7-12-49; sire, 823785; dam, 2716131.	Difference--	10	15,415	3.7	570		
Used by Melvin Inman, Humboldt.	(1-2-1)	-1,882	-.1	-83			

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat		
			Number	Number	lb.	%	lb.
MENDOCINO REPRESA JAY LAD 1090818-----	12 daughters	16	14,899	3.8	573		
Born, 2-10-49; proved, 1-31-56; ; Calif.	12 dams----	35	13,851	3.8	522		
Sire, 1000729; dam, 2862587.	Difference--	(7-9-9)	+1,048	.0	+51		
Used by California State Prison, San Quentin.							
MIKE BAKER SOLDENE 1093802-----	7 daughters-	8	11,256	4.1	461		
Preliminary proof, 1-31-56; ; Maine.	7 dams----	32	12,883	3.6	469		
Born, 5-10-49; sire, 884838; dam, 2170481.	Difference--	(2-7-3)	-1,627	+.5	-8		
Used by Alton Benson, Jr., Gorham.							
MIN. IOW CREEK EDEN RE-GRAND 1001512**--	11 daughters	13	9,893	4.0	391		
Preliminary proof, 1-31-56; ;	5 daughters-	5	10,475	3.9	413		
Born, 4-14-46; sire, 906000; dam, 2542101.	5 dams----	12	13,815	3.5	480		
Used by Curtiss Candy Co., Ill. (A. B. A.).	Difference--	(2-5-2)	-3,340	+.4	-67		
N J E S CONQUEROR ADELINE OMEGA 953325							
*Feb. 54** -----	19 daughters	46	13,392	3.9	520		
Born, 7-6-45; proved, 1-31-56; ; N. Y.	19 dams----	86	13,536	3.7	497		
Sire, 673525; dam, 1820752.	Difference--	(9-17-12)	-144	+.2	+23		
Used by Kent Whipple, Savannah.							
ORMSBY DELLFIELD PRINCE 1028087 -----	17 daughters	25	16,088	3.4	551		
Born, 1-23-46; proved, 1-31-56; ; Calif.	10 daughters	15	16,753	3.3	558		
Sire, 871389; dam, 2179472.	10 dams----	34	15,247	3.6	554		
Used by John J. Vierra, Livingston.	Difference--	(6-2-4)	+1,506	-.3	+4		
ORMSBY GENERAL AAGGIE 1074528 -----	9 daughters-	15	12,101	3.6	436		
Preliminary proof, 1-31-56; ; Iowa	9 dams----	42	13,950	3.5	495		
Born, 11-16-48; sire, 955805; dam, 2106954.	Difference--	(1-6-2)	-1,849	+.1	-59		
Used by George Becker, Watkins.							
ORMSBY PERFECTION FOBES PRIDE 1049382-6	daughters-	8	11,157	3.6	398		
Preliminary proof, 1-31-56; ; Ill.	6 dams----	18	12,016	3.6	428		
Born, 4-14-48; sire, 928113; dam, 2557621.	Difference--	(3-4-2)	-859	.0	-30		
Used by Gletty & Puffy, Somonauk.							
OSBORNDALE FOBES SIR ORMSBY 1104797**--	15 daughters	15	12,988	3.9	508		
Born, 11-20-49; proved, 1-31-56;	13 daughters	13	12,788	3.9	499		
Sire, 934577; dam, 2072102.	13 dams----	38	12,992	3.7	480		
Used by Lehigh Valley Co-op. A. B. A., Pa.	Difference--	(7-11-8)	-204	+.2	+19		
OSBORNDALE SIR ORMSBY OLIVER 1069905---	13 daughters	16	13,529	3.7	501		
Born, 9-3-48; proved, 1-31-56; ; N. Y.	12 daughters	14	13,503	3.7	502		
Sire, 760725; dam, 2320930.	12 dams----	41	13,704	3.5	476		
Used by S. Fisher, Hamilton.	Difference--	(5-10-8)	-201	+.2	+26		
PABST BURKE BELMONT PRIDE 865323							
*Mar. 54** -----	28 daughters	43	12,587	3.9	489		
Born, 12-3-42; proved, 1-24-56; alive;	18 daughters	31	13,212	3.9	520		
Sire, 697789; dam, 2181827.	18 dams----	47	12,547	3.7	459		
Used by American Breeders Service, Ind.	Difference--	(14-12-14)	+665	+.2	+61		
(A. B. A.).							
PABST COMRE 1061148-----	8 daughters-	9	9,893	3.7	370		
Preliminary proof, 1-31-56; ; Pa.	7 daughters-	8	9,839	3.7	368		
Born, 12-20-48; sire, 959466; dam, 2741076.	7 dams----	36	10,116	3.4	348		
Used by Walter Scott, Elizabeth.	Difference--	(3-6-4)	-277	+.3	+20		
PABST REPRIDE GLEN 984799*July 53** -----	19 daughters	33	13,265	3.7	496		
Born, 11-23-46; proved, 1-24-56; alive;	18 daughters	32	13,471	3.7	505		
Sire, 901195; dam, 2181831.	18 dams----	78	14,634	3.5	516		
Used by American Breeders Service, Ind.	Difference--	(6-14-8)	-1,163	+.2	-11		
(A. B. A.).							
PENDER KANE AUDRIC ROYAL SEGIS 1113051							
*Oct. 55** -----	13 daughters	13	13,072	3.7	484		
Born, 3-7-49; proved, 1-31-56; ; N. Y.	13 dams----	74	14,929	3.8	573		
Sire, 893362; dam, 1791923.	Difference--	(2-5-2)	-1,857	-.1	-89		
Used by H. E. Machold # 1, Ellisburg.							
PIETJE COMMANDER 1134664 -----	6 daughters-	12	11,032	3.6	403		
Preliminary proof, 1-31-56; ; Va.	6 dams----	16	9,210	3.5	327		
Born, 6-1-45; sire, 146799 CHB; dam, 2583253.	Difference--	(4-4-5)	+1,822	+.1	+76		
Used by W. L. Dickenson, Cullen.							
PRINCE RIVERMEAD DEWDROP (TWIN)							
948046-----	13 daughters	24	8,672	3.5	306		
Preliminary proof, 1-31-56; ; Maine.	7 daughters-	14	8,594	3.6	306		
Born, 9-17-45; sire, 871897; dam, 1863397.	7 dams----	21	9,335	3.6	340		
Used by J. W. Donavan, Dixmont.	Difference--	(1-2-1)	-741	.0	-34		

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
RANDOLPH MONTVIC PARAGON 1057171----- Born, 7-28-48; proved, 1-31-56; ; Va. Sire, 852111; dam, 2589583. Used by W. S. Barksdale, Randolph.	11 daughters 10 daughters 10 dams---- Difference--	11 10 17 (4-3-4)	11,080 10,917 11,176 -259	3.3 3.3 3.3 .0	365 360 374 -14
RASUM JOE DE KOL ORMSBY 1095963----- Born, 7-11-48; proved, 1-31-56; ; Wis. Sire, 971939; dam, 2350750. Used by John Schulz, Random Lake.	14 daughters 12 daughters 12 dams---- Difference--	14 12 36 (9-10-9)	10,085 9,930 9,437 +493	3.9 3.9 3.6 +.3	388 385 343 +42
REX CREAMELLE IDEAL 933142----- Preliminary proof, 1-31-56; ; Mo. Born, 12-23-44; sire, 901451; dam, 2198459. Used by C. C. Bretches, Grandview.	7 daughters- 5 daughters- 5 dams---- Difference--	10 7 13 (1-5-1)	10,064 9,715 13,681 -3,966	3.7 3.8 3.4 +.4	368 367 464 -97
ROLLING KNOLL MAT PONTIAC 1059065 ----- Preliminary proof, 1-31-56; alive ; Md. Born, 1-12-49; sire, 948351; dam, 2647894. Used by Roland Pool, Westminster.	5 daughters- 5 dams---- Difference--	6 21 (1-4-2)	11,257 12,852 -1,595	3.7 3.6 +.1	414 463 -49
RUTHERGLEN FOBES SELECT MAJOR 1024824 ----- Born, 12-17-46; proved, 1-31-56; ; Pa. Sire, 940447; dam, 1971192. Used by Woodson Farm, Pennsburg.	21 daughters 18 daughters 18 dams---- Difference--	34 27 75 (5-11-5)	10,978 11,000 12,485 -1,485	3.5 3.5 3.5 .0	389 385 435 -50
SEVENS ORMSBY PRAIRIE JASPER 1088444--- Preliminary proof, 1-31-56; ; Wis. Born, 10-27-49; sire, 757596; dam, 2658321. Used by Oswald Nelson, Baldwin.	6 daughters- 5 daughters- 5 dams---- Difference--	6 5 16 (3-4-3)	15,565 15,357 14,990 +367	3.6 3.7 3.7 .0	560 562 549 +13
SKOKIE PRINCE OF ELMWOOD 1032765 ----- Born, 2-23-48; proved, 1-31-56; ; Okla. Sire, 915469; dam, 2305670. Used by Y. T. Park, Skiatook.	14 daughters 13 daughters 13 dams---- Difference--	18 17 53 (9-2-7)	10,979 11,110 10,092 +1,018	3.3 3.3 3.7 -.4	363 367 376 -9
STUMPF ACRES RAY-VAR HOMESTEAD 1068822----- Preliminary proof, 1-31-56; ; Pa. Born, 8-21-48; sire, 963824; dam, 2652297. Used by Harry Snodgrass, Woodbine.	6 daughters- 5 daughters- 5 dams---- Difference--	6 5 17 (2-5-2)	11,795 11,449 12,307 -858	3.5 3.5 3.3 +.2	413 402 412 -10
SUNNY SIDE CHIEF JAMES 1091519----- Preliminary proof, 1-31-56; ; Pa. Born, 11-10-49; sire, 833907; dam, 2433252. Used by J. N. Kendall, Blairsville.	5 daughters- 5 dams---- Difference--	6 15 (2-4-2)	8,104 8,783 -679	3.8 3.5 +.3	305 309 -4
TERRACE FARM ORMSBY KING BESS 1059112-10 daughters Preliminary proof, 1-31-56; ; Pa. Born, 9-13-47; sire, 941378; dam, 2596447. Used by Dwight King, Spartansburg.	10 daughters- 7 daughters- 7 dams---- Difference--	15 11 23 (2-3-2)	8,790 8,499 9,448 -949	3.6 3.6 3.7 -.1	318 305 350 -45
TIETON JOEL BUTTER KING PIEBE 1092639-- Born, 11-19-49; proved, 1-31-56; ; Wash. Sire, 990450; dam, 2833850. Used by John Brood, Moscow, Idaho.	12 daughters 10 daughters 10 dams---- Difference--	13 11 39 (6-4-5)	12,494 12,686 13,366 -680	3.3 3.3 3.5 -.2	417 423 474 -51
TULANE ORMSBY PIETERTJE 996384 *May 54** ----- Born, 3-8-47; proved, 1-24-56; dead; Sire, 751641; dam, 2430373. Used by La. Co-op. A.B.A., Inc., La.	30 daughters 29 daughters 29 dams---- Difference--	41 39 120 (26-15-26)	12,522 12,536 10,193 +2,343	3.6 3.7 3.6 +.1	457 458 372 +86
TYLER FARMS RAG APPLE CHESTER 1077175----- Born, 1-6-48; proved, 1-31-56; ; Vt. Sire, 827071; dam, 1791154. Used by F. F. & M. F. Fuller, Middlesex.	13 daughters 11 daughters 11 dams---- Difference--	16 14 41 (3-8-4)	10,535 10,703 11,322 -619	3.9 3.9 3.8 +.1	414 422 430 -8
VARECA POSCH ORMSBY FOBES 1100926**--- Preliminary proof, 1-31-56; ; Ky. Born, 6-3-49; sire, 835919; dam 3050561. Used by W. O. Payne, Danville,	7 daughters- 6 daughters- 6 dams---- Difference--	7 6 15 (5-2-3)	15,284 15,238 13,387 +1,851	3.5 3.5 3.6 -.1	541 531 488 +43
V P I ORMSBY GALLANT 936346----- Preliminary proof, 1-31-56; ; Va. Born, 11-4-44; sire, 662364; dam, 1986377. Used by L. J. Crowgey, Wytheville.	6 daughters- 5 daughters- 5 dams---- Difference--	12 9 21 (3-5-5)	11,571 11,950 11,733 +217	4.3 4.3 3.7 +.6	496 514 439 +75

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
WARNER BROOK R A SOVEREIGN 1047954 ----	9 daughters-	12	10,907	3.7	408
Preliminary proof, 1-31-56; ; Va.	9 dams----	31	11,097	3.6	403
Born, 4-25-48; sire, 155159 CHB;	Difference--	(3-8-4)	-190	+.1	+5
dam, 2520015.					
Used by R. E. McComb, Purcellville.					
WAYNE GRAND DIAMOND CHIEF 1107943-----	9 daughters-	11	9,847	3.5	347
Preliminary proof, 1-31-56; ; Ind.	8 daughters-	10	9,927	3.5	345
Born, 1-9-50; sire, 989399; dam, 2506462.	8 dams----	24	10,103	3.6	367
Used by Earl Russell, Selma.	Difference--	(4-4-3)	-176	-.1	-22
WEEJOE GRACIOUS WINTORIAS 976710					
*Aug. 55** -----	30 daughters	61	13,980	3.7	522
Born, 8-30-48; proved, 1-31-56; alive.	30 dams----	143	13,538	3.7	505
Sire, 930323; dam, 2354812.	Difference--	(17-16-17)	+442	.0	+17
Used by Central Ohio Co-op. A. B. A., Ohio.					
ZIMMERMAN PAR ABE 1063989 -----	5 daughters-	10	10,533	3.8	402
Preliminary proof, 1-31-56; ; Pa.	5 dams----	22	13,061	3.6	469
Born, 6-18-48; sire, 834148; dam, 2691956.	Difference--	(0-5-0)	-2,528	+.2	-67
Used by Burdette Mase, Liberty.					
ZURCHER ORMSBY TRANSMITTER 1096514--	16 daughters	19	15,547	3.7	571
Born, 9-9-49; proved, 1-31-56; ; Iowa.	14 daughters	17	15,420	3.7	563
Sire, 886174; dam, 2698381.	14 dams----	41	15,281	3.6	550
Used by Emil Zurcher & Son, Farmersburg.	Difference--	(6-9-6)	+139	+.1	+13

JERSEY SIRES

ADVANCER RECORD JESTER 497599*July 53**	25 daughters	47	9,273	5.1	469
Born, 10-1-47; proved, 1-31-56;	25 dams----	114	8,246	5.1	423
Sire, 462656; dam, 1535136.	Difference--	(21-11-17)	+1,027	.0	+46
Used by American Breeders Service, Ind. (A. B. A.)					
ADVANCER SNOWBALL BLONDE 508802-----	6 daughters-	11	6,874	5.4	371
Preliminary proof, 1-31-56; ; Ohio.	5 daughters-	8	6,935	5.4	377
Born, 6-17-48; sire, 459156; dam, 1290556.	5 dams----	17	7,093	5.1	360
Used by J. B. & L. A. Brumbaugh, Louisville.	Difference--	(2-3-4)	-158	+.3	+17
ADVANCER ZINNIA BRAVO 511968-----	6 daughters-	10	9,806	5.0	487
Preliminary proof, 1-31-56; ; Ohio.	5 daughters-	7	9,926	4.9	489
Born, 10-12-48; sire, 489191; dam, 1540125.	5 dams----	17	10,530	4.8	507
Used by Homer & Richard Haines, Sabina.	Difference--	(1-3-3)	-604	+.1	-18
A. J. KING'S MAJESTY 526025-----	5 daughters-	5	9,631	5.1	489
Preliminary proof, 1-31-56; ; Ohio.	5 dams----	7	8,298	5.3	444
Born, 2-4-50; sire, 484031; dam, 1624512.	Difference--	(4-2-3)	+1,333	-.2	+45
Used by Edgar Postle, Hillsboro.					
AVALON STANDARD SUMALLO 523723-----	5 daughters-	7	8,897	5.7	504
Preliminary proof, 1-31-56; ; Calif.	5 dams----	9	8,808	5.4	477
Born, 12-8-48; sire, 502748; dam, 1614384.	Difference--	(3-5-3)	+89	+.3	+27
Used by Carl Hopson & Son, Anderson.					
BASIL DANDY SIR 514402-----	8 daughters-	8	5,906	5.1	304
Preliminary proof, 1-31-56; ; Fla.	5 daughters-	5	5,703	5.3	305
Born, 2-27-49; sire, 452066; dam, 1547048.	5 dams----	5	6,227	4.9	303
Used by W. J. Nolan, Jacksonville.	Difference--	(2-4-2)	-524	+.4	+2
BASILEUS VALIANT VICTORY 479409 -----	6 daughters-	6	5,840	5.1	295
Preliminary proof, 1-31-56; ; Wis.	6 dams----	24	6,914	5.3	368
Born, 4-28-46; sire, 456866; dam, 1414083.	Difference--	(2-3-1)	-1,074	-.2	-73
Used by John Kolb, Cleveland.					
BELLE'S BLUEBOY ADVANCER 478638** -----	12 daughters	14	7,186	5.5	397
Preliminary proof, 1-24-56;	8 daughters-	10	7,209	5.7	408
Born, 3-14-46; sire, 461093; dam, 1099446.	8 dams----	27	7,379	5.4	400
Used by Kansas A. B. A., Kans.	Difference--	(2-7-4)	-170	+.3	+8
BLONDE FAUVIC EMPEROR 492695 -----	8 daughters-	19	7,167	5.7	410
Preliminary proof, 1-31-56; ; Mich.	5 daughters-	13	7,802	5.6	440
Born, 1-12-46; sire, 360122; dam, 1342298.	5 dams----	8	6,770	4.7	320
Used by G. J. Seckinger, Manchester.	Difference--	(5-5-5)	+1,032	+.9	+120

JERSEY Sires	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
BLONDE GLORY OF SIBLEY FARMS 497017--- Preliminary proof, 1-31-56; ; Mass. Born, 1-9-47; sire, 385252; dam, 1217749. Used by Whiting Farm, Holyoke.	6 daughters- 6 dams---- Difference--	8 18 (4-5-5)	7,376 6,905 +471	5.5 5.2 +.3	404 360 +44
BRAMPTON B. P. FRANCIS 502926 ----- Preliminary proof, 1-31-56; ; Ohio. Born, 9-13-47; sire, 104635 CJCC; dam, 136929 CJCC. Used by Mayflower Farms, Pickerington.	5 daughters- 5 dams---- Difference--	6 16 (3-4-3)	7,788 7,752 +36	5.3 4.9 +.4	416 377 +39
BRAMPTON W. R. DESIGNED 507171----- Preliminary proof, 1-31-56; ; S. C. Born, 8-8-47; sire, 101251 CJCC; dam, 95961 CJCC Used by Clarendon Plantation, Burton.	8 daughters- 6 daughters- 6 dams---- Difference--	10 7 18 (5-1-3)	8,402 8,215 7,259 +956	4.8 4.7 5.2 -.5	400 388 380 +8
BRAMPTON W. R. EDEN 509497 ----- Preliminary proof, 1-31-56; ; Ohio. Born, 1-2-48; sire, 101251 CJCC; dam, 172988 CJCC. Used by Carl Buchwalter, Dalton.	6 daughters- 6 dams---- Difference--	6 15 (3-4-4)	7,307 7,091 +216	4.9 5.1 -.2	356 361 -5
BROOKSIDE DESIGN VICTOR 493843 ----- Preliminary proof, 1-31-56; ; Wash. Born, 10-13-46; sire, 422363; dam, 1294853. Used by Leo Haggard, Roy.	9 daughters- 6 daughters- 6 dams---- Difference--	16 9 13 (1-1-0)	7,482 8,695 9,676 -2,981	5.0 5.0 5.2 -.2	372 337 505 -168
COMMANDO ADVANCER FONTAINE 510131---- Preliminary proof, 1-31-56; ; Mo. Born, 10-23-47; sire, 457631; dam, 1541982. Used by P. R. Smith, Joplin.	9 daughters- 6 daughters- 6 dams---- Difference--	12 8 20 (2-4-2)	7,695 7,943 8,519 -576	5.8 5.6 5.4 +.2	435 442 462 -20
COURAGEOUS STANDARD DICK 494016----- Preliminary proof, 1-31-56; ; Minn. Born, 5-1-47; sire, 446662; dam, 1337330. Used by Axel E. Carlson, Sebeka.	12 daughters 7 daughters- 7 dams---- Difference--	14 8 7 (5-6-5)	6,409 6,560 5,704 +856	5.6 5.7 5.3 +.4	359 373 305 +68
DAHLIA'S VOLUNTEER 519131 ----- Preliminary proof, 1-31-56; ; Wis. Born, 4-5-49; sire, 397469; dam, 1165818. Used by Roland Berrett, Greenwood.	5 daughters- 5 dams---- Difference--	6 21 (2-3-2)	8,804 9,170 -366	5.4 5.4 .0	476 491 -15
DANDY JIM PRIMATE 473070----- Preliminary proof, 1-31-56; ; Ohio. Born, 8-1-45; sire, 449210; dam, 1004547. Used by Davis & White, Ashley.	9 daughters- 5 daughters- 5 dams---- Difference--	16 6 8 (2-0-0)	7,337 7,487 8,187 -700	5.0 4.9 5.4 -.5	365 366 443 -77
DESIGN PINNACLE ROYAL 515730----- Preliminary proof, 1-31-56; ; Oreg. Born, 9-10-47; sire, 111070 CJCC; dam, 117133 CJCC. Used by Keith Beckley, Troutdale.	6 daughters- 5 daughters- 5 dams---- Difference--	6 5 7 (1-4-1)	6,981 7,019 8,195 -1,176	6.3 6.2 5.9 +.3	439 434 480 -46
DESIGN VOLUNTEER IRMA PRINCE 518986 Preliminary proof, 1-31-56; ; Iowa. Born, 4-25-46; sire, 443567; dam, 1282936 Used by Clyde Jones, Sioux Rapids.	11 daughters 9 daughters- 9 dams---- Difference--	20 16 37 (4-8-6)	6,239 6,027 6,446 -419	5.4 5.5 5.1 +.4	340 331 326 +5
DONNA DANDY SULTAN 480287*Jul. 54**----- Preliminary proof, 1-31-56. Born, 9-11-46; sire, 376838; dam, 1373367. Used by American Breeders Service, Ind. (A. B. A.)	30 daughters 24 daughters 24 dams---- Difference--	61 47 83 (7-10-7)	7,820 7,663 8,800 -1,137	5.2 5.2 5.3 -.1	404 399 468 -69
DRACONIS OXFORD BELLE JESTER 518521--- Preliminary proof, 1-31-56; ; N. Mex. Born, 3-4-49; sire, 482075; dam, 1480141. Used by G. E. Peterson, Elida.	5 daughters- 5 dams---- Difference--	6 17 (2-4-1)	6,574 7,216 -642	5.4 5.3 +.1	352 382 -30
DUKE SPARKLING NOBLEMAN 492467** ---- Born, 7-5-47; proved, 1-31-56; alive; Conn. Sire, 452066; dam, 1271180. Used by J. H. Whitmore, Naugatuck.	26 daughters 13 daughters 13 dams---- Difference--	41 19 34 (10-10-11)	9,016 9,603 8,774 +829	5.4 5.4 5.2 +.2	489 523 453 +70
FAUVIC WONDERFUL ADVANCER 511880----- Preliminary proof, 1-31-56; ; Tex. Born, 5-22-48; sire, 426334; dam, 1355529. Used by Rosenberg Farm, La Grange.	5 daughters- 5 dams---- Difference--	7 16 (1-2-3)	5,761 5,827 -66	4.8 4.9 -.1	274 283 -9

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
FILLPAIL AIMING GEM 492583 -----	7 daughters-	10	6,594	5.3	352
Preliminary proof, 1-31-56; ; Calif.	5 daughters-	7	7,491	5.3	395
Born, 3-6-47; sire, 444371; dam, 1136938.	5 dams-----	14	8,641	5.1	441
Used by Early Brothers, Los Molinos.	Difference--	(1-3-1)	-1,150	+.2	-46
FILLPAIL HIGHFIELD SULTAN 521050 -----	7 daughters-	8	7,694	5.7	436
Preliminary proof, 1-31-56; ; Ga.	6 daughters-	7	7,493	5.7	428
Born, 10-9-49; sire, 400689; dam, 1162835.	6 dams-----	13	7,055	5.3	376
Used by Murphy & Hutcheson, Rossville.	Difference--	(4-4-3)	+438	+.4	+52
GARNET'S BLONDE IVY DUKE 511369-----	5 daughters-	8	7,549	5.4	408
Preliminary proof, 1-31-56; ; Ohio.	5 dams-----	24	8,810	5.5	485
Born, 10-21-48; sire, 448721; dam, 1311398.	Difference--	(1-3-1)	-1,281	-.1	-77
Used by Ed Zeller, Paris.					
GIL-BAR FOREMOST PRINCE 490512-----	5 daughters-	10	6,435	4.8	312
Preliminary proof, 1-31-56; ; Wis.	5 dams-----	28	6,969	5.1	352
Born, 3-27-46; sire, 456278; dam, 1366457.	Difference--	(2-1-2)	-534	-.3	-40
Used by Alfred Barloss, Jamesville.					
JOYDALE BLACK JACK 511918-----	8 daughters-	8	6,750	5.2	350
Preliminary proof, 1-31-56; ; Tenn.	8 dams-----	25	6,975	5.0	349
Born, 10-14-48; sire, 467786; dam, 1404464.	Difference--	(2-6-5)	-225	+.2	+1
Used by Ft. Pillow State Farm, Ft. Pillow.					
OLIVER COME SON COLLEGE KING 473709---	18 daughters	32	7,828	5.2	404
Preliminary proof, 1-31-56; ; Wash.	5 daughters-	10	8,030	5.1	407
Born, 4-5-44; sirc, 394732; dam, 1287490.	5 dams-----	11	6,749	4.8	327
Used by Walla Walla College Dairy,	Difference--	(4-3-4)	+1,281	+.3	+80
College Place.					
PATRIOTIC WONDER OXFORD 522353-----	5 daughters-	6	8,401	5.5	462
Preliminary proof, 1-31-56; ; Calif.	5 dams-----	14	8,195	5.1	416
Born, 4-24-48; sire, 511689; dam, 1501520.	Difference--	(3-4-3)	+206	+.4	+46
Used by Joe Hart, Modesto.					
PINNACLE RALEIGH ROYAL 510272 -----	7 daughters-	8	6,804	4.9	336
Preliminary proof, 1-31-56; dead ; Ind.	7 dams-----	30	7,176	5.2	371
Born, 8-25-48; sire, 364827; dam, 1459582.	Difference--	(2-2-2)	-372	-.3	-35
Used by John Walter, Auburn.					
PINN BASIL SIR VALIANT OF D. H. 485200 ---	18 daughters	35	6,690	5.6	373
Born, 8-13-46; proved, 1-31-56; ; S. C.	13 daughters	24	6,574	5.5	362
Sire, 440007; dam, 1434059.	13 dams-----	43	7,741	5.6	434
Used by Furman E. Epps, Newberry.	Difference--	(1-6-2)	-1,167	-.1	-72
ROGUEKNOLL ROGUE 493502-----	6 daughters-	10	9,052	5.2	473
Preliminary proof, 1-31-56; ; Calif.	5 daughters-	8	8,772	5.4	473
Born, 5-16-46; sire, 444481; dam, 1498438.	5 dams-----	21	10,046	5.2	520
Used by Carl Hopson & Sons, Anderson.	Difference--	(1-4-2)	-1,274	+.2	-47
ROYAL LAD PAUL OF S. F. 507479-----	8 daughters-	11	4,853	5.4	265
Preliminary proof, 1-31-56; ; Vt.	8 dams-----	19	5,949	5.2	307
Born, 10-18-47; sire, 385252; dam, 1342512.	Difference--	(2-5-2)	-1,096	+.2	-42
Used by M. A. & E. W. Howe, Wilmington.					
ROYAL OBSERVER SOUVENIR 475375-----	10 daughters-	22	5,919	5.4	318
Preliminary proof, 1-31-56; ; Mo.	5 daughters-	11	5,719	5.1	294
Born, 3-7-46; sire, 457678; dam, 1329308.	5 dams-----	12	6,967	5.0	345
Used by Charles G. Gauldin, Malta Bend.	Difference--	(1-5-1)	-1,248	+.1	-51
ROYAL SPARKLING VALIANT 521710-----	6 daughters-	6	7,078	5.8	413
Preliminary proof, 1-31-56; ; N. Y.	6 dams-----	30	8,954	5.1	460
Born, 12-8-49; sire, 447693; dam, 1351316.	Difference--	(0-6-1)	-1,876	+.7	-47
Used by Gould Brothers, East Hampton.					
SIR DANDY OF BOXHALL 491035-----	8 daughters-	13	6,522	5.3	344
Preliminary proof, 1-31-56; ; Ga.	5 daughters-	9	6,751	5.1	344
Born, 8-18-46; sire, 452066; dam, 1271177.	5 dams-----	12	6,638	5.0	329
Used by Carl R. Martin, Fayette,	Difference--	(3-3-3)	+113	+.1	+15
SPARKLING FOREMOST SIR 521019 -----	7 daughters-	7	5,378	5.3	285
Preliminary proof, 1-31-56; ; Ill.	7 dams-----	22	6,201	5.3	332
Born, 2-22-49; sire, 468945; dam, 1268451.	Difference--	(3-3-3)	-823	.0	-47
Used by Wilcox Farms, Pana.					
SYBIL OWL ESMOND 502114*June 55** -----	30 daughters	53	10,962	5.0	550
Born, 5-5-48; proved, 1-24-56; alive:	23 daughters	37	10,895	5.0	545
Sire, 396681; dam, 1390963.	23 dams-----	51	9,820	5.1	502
Used by American Breeders Service, Ind.	Difference--	(16-10-15)	+1,075	-.1	+43
(A. B. A.).					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
TRINITY'S ROYAL REGAL JESTER 493057-----8 daughters- Preliminary proof, 1-31-56; ; Calif. Born, 2-7-47; sire, 463660; dam, 1289290. Used by Joe Hart, Modesto.	18 44 Difference--	8,105 8,305 (4-5-4)	5.3 5.4 -.1	427 445 -18	
TULIPS DESIGN GOLDEN 502891 -----7 daughters- Preliminary proof, 1-31-56; ; Tenn. Born, 5-10-48; sire, 434714; dam, 1472696. Used by W. W. McLean, Newbern.	9 7 24 Difference--	6,635 6,964 6,557 (3-2-3)	4.9 4.8 5.1 +.3	324 333 333 0	
VOLUNTEER ST. MAWES REMUS REX 506697 *Dec. 53** -----12 daughters Born, 12-13-47; proved, 1-24-56; alive; Sire, 455708; dam, 1506365. Used by American Breeders Service, Ind. (A. B. A.).	21 11 11 Difference--	9,328 9,577 9,073 (7-3-5)	5.1 5.1 5.3 -.2	476 489 481 +8	
WELCOME CLASSIC COURAGEOUS 514980-----5 daughters- Preliminary proof, 1-31-56; ; Born, 4-8-49; sire, 399447; dam, 1402854. Used by New Hampshire - Vermont A.B.A., N. H.	6 19 Difference--	10,586 9,403 (5-3-4)	5.5 5.4 +.1	578 510 +68	
WELCOME SIEGFRIED STORM 525046** -----13 daughters Born, 3-16-50; proved, 1-31-56; Sire, 399447; dam, 1402850. Used by Southeastern Pa. Co-op. A.B.A., Pa.	14 13 34 Difference--	9,093 7,526 7,567 (10-8-9)	5.2 5.3 -.1	473 396 +77	
WONDERFUL BINGO BART 479429 -----6 daughters- Preliminary proof, 1-31-56; ; Ohio. Born, 4-28-46; sire, 387422; dam, 1268247. Used by Minor Logan, Kinsman.	14 5 5 Difference--	7,019 7,179 7,422 (2-2-1)	5.2 5.2 5.4 -.2	364 370 398 -28	
ZINNIAS WESTERN ADVANCER 507135-----9 daughters- Preliminary proof, 1-31-56; ; Calif. Born, 1-9-48; sire, 478301; dam, 1506068. Used by Joe Hart, Modesto.	15 9 Difference--	7,804 8,966 (2-5-1)	5.4 5.6 -.2	422 502 -80	
ZORIC'S ROMANCER OF OZ 486016 -----8 daughters- Preliminary proof, 1-31-56; ; Ill. Born, 3-5-47; sire, 455796; dam, 1362037. Used by Robert L. Gillespie & Son, Charleston.	12 6 6 Difference--	7,606 7,480 7,674 (2-5-3)	5.7 5.5 5.3 +.2	434 413 407 +6	

MILKING SHORTHORN SIRES

ACTOR 33863 -----7 daughters- Preliminary proof, 1-31-56; ; Wis. Born, 9-26-48; sire, 2304564; dam, 1957768. Used by Harry Laridaen, Reedsburg.	10 26 Difference--	9,087 7,871 (6-2-5)	3.6 3.8 -.2	328 297 +31	
ADORA'S PRIME 32063 -----5 daughters- Preliminary proof, 1-31-56; ; Iowa. Born, 7-6-48; sire, 2335053; dam, 73964. Used by I. F. Meyer & Sons, McGregor.	8 16 Difference--	8,725 6,816 (5-1-4)	3.5 3.8 -.3	302 259 +43	
BURNT HILL KEYSTONE 137025-----12 daughters- Preliminary proof, 1-31-56; ; N. C. Born, 5-6-47; sire, 2285071; dam, 2174426. Used by W. B. Austin, Jefferson.	14 10 16 Difference--	6,621 6,486 6,477 (4-6-4)	3.7 3.8 3.7 +.1	248 248 239 +9	
CEDARLAWN HENRI GRAND 25722** -----7 daughters- Preliminary proof, 1-24-56; ; Kans. Born, 9-12-48; sire, 75458; dam, 2112367. Used by Bernard Wassenberg, Marysville.	7 6 16 Difference--	6,920 6,708 5,267 (3-4-3)	4.3 4.3 4.3 .0	299 288 225 +63	
DOME ROCK REGAL STANDARD P31883 -----6 daughters- Preliminary proof, 1-31-56; ; Oreg. Born, 4-28-48; sire, 2355637; dam, 2210110. Used by R. G. Stearns, Lebanon.	7 17 Difference--	9,436 9,051 (3-3-2)	3.3 3.3 .0	307 298 +9	
HASTOE IMPERIAL DUKE 135065-----10 daughters- Preliminary proof, 1-31-56; ; Kans. Born, 6-21-46; sire, 305593; dam, 193185. Used by Joe Fox, St. John.	15 10 15 Difference--	7,809 8,319 8,554 (1-4-2)	3.8 3.9 3.7 +.2	300 325 318 +7	

MILKING SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
HAZELBROOK COMMANDER (TWIN) 115874---	6 daughters-	11	8,468	4.1	349
Preliminary proof, 1-31-56; ; Pa.	6 dams----	24	9,515	3.9	374
Born, 1-31-47; sire, 2041035; dam, 2041036.	Difference--	(1-5-1)	-1,047	+.2	-25
Used by Geza Szilagyi, Bath.					
KINGSDALE CHAMPION 7th 2397258-----	5 daughters-	7	7,035	4.0	282
Preliminary proof, 1-31-56; ; Ill.	5 dams----	16	8,521	3.8	324
Born, 9-29-46; sire, 2219387; dam, 2192636.	Difference--	(1-5-1)	-1,486	+.2	-42
Used by Wallace Baker, LeRoy.					
MILL VALLEY MINSTREL 93980 -----	11 daughters	20	7,548	3.9	297
Preliminary proof, 1-31-56; ; Mo.	5 daughters-	8	8,061	4.0	320
Born, 3-12-46; sire, 1935368; dam, 50776.	5 dams----	5	5,815	4.1	238
Used by Marius H. Boetto, Grove, Okla.	Difference--	(4-3-4)	+2,246	-.1	+82
NOSEGAY LEADER 37810-----	5 daughters-	6	7,991	4.1	327
Preliminary proof, 1-31-56; ; Minn.	5 dams----	20	6,524	3.9	254
Born, 12-16-48; sire, 2250302; dam, 11163.	Difference--	(5-4-5)	+1,467	+.2	+73
Used by Paul Pierret, Jasper.					
SHAVER'S KING 36990-----	6 daughters-	8	7,794	3.9	303
Preliminary proof, 1-31-56; ; Iowa.	6 dams----	26	7,364	3.8	280
Born, 2-24-49; sire, 2391259; dam, 29219.	Difference--	(5-5-4)	+430	+.1	+23
Used by Harold Kling, Ft. Dodge.					
SUNNYBROOK LAD 2320714-----	10 daughters	14	8,014	3.9	313
Preliminary proof, 1-31-56; ; Minn.	7 daughters-	9	7,866	3.9	307
Born, 8-4-45; sire, 2112622; dam, 2186889.	7 dams----	18	7,498	3.8	284
Used by Art Nuytten, Canby.	Difference--	(4-5-4)	+368	+.1	+23
WILLO PATRIOT 587 -----	5 daughters-	6	8,220	3.7	306
Preliminary proof, 1-31-56; ; Iowa	5 dams----	7	6,647	3.8	251
Born, 11-21-47; sire, 2336813; dam, 2124404.	Difference--	(4-3-5)	+1,573	-.1	+55
Used by Bachamn & Bachman, Clarence.					

AMERICAN DAIRY CATTLE CLUB SIRES

ECHORIDGE ORMSBY BURKE NEPTUNE 1425

(This sire is also a registered Holstein "Echoridge Ormsby Burke Neptune 952029."
Proved Sire data included in Holstein listing.)

G C B CARNATION GOVERNOR CHIEFTAIN 1707

(This sire is also a registered Holstein "G C B Carnation Governor Chieftain 1012502."
Proved Sire data included in Holstein listing.)

G C B FOBES CARNATION EMPEROR 1308

(This sire is also a registered Holstein "G C B Fobes Carnation Emperor 997719."
Proved Sire data included in Holstein listing.)

KNOLLWOOD CHIEFTAIN SARCASTICAL (TWIN) 1257

(This sire is also a registered Holstein "Knollwood Chieftain Sarcastical (Twin) 890181."
Proved Sire data included in Holstein listing.)

